Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013828.D
Acq On : 23 May 2023 11:22
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 04:41:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 04:40:06 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :Krupa Patel 05/24/2023
Supervised By :Mahesh Dadoda 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	218430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	15927	6.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 12.660%#			
35) Dibromofluoromethane	7.715	113	12146	5.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.220%#			
50) Toluene-d8	10.185	98	46823	5.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 10.420%#			
62) 4-Bromofluorobenzene	12.483	95	16228	5.425	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 10.860%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	7938	4.686	ug/l	98
3) Chloromethane	2.119	50	12899	5.315	ug/l	98
4) Vinyl Chloride	2.253	62	11790	4.834	ug/l	97
5) Bromomethane	2.662	94	11132	5.264	ug/l	97
6) Chloroethane	2.802	64	8523	5.161	ug/l	97
7) Trichlorofluoromethane	3.137	101	19207	5.291	ug/l	96
8) Diethyl Ether	3.539	74	7759	6.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	10280	4.922	ug/l	95
10) Methyl Iodide	4.094	142	13729	5.849	ug/l	98
11) Tert butyl alcohol	4.990	59	5819m	28.420	ug/l	
12) 1,1-Dichloroethene	3.881	96	10595	5.547	ug/l	92
13) Acrolein	3.747	56	9955	28.179	ug/l	99
14) Allyl chloride	4.484	41	21154	5.786	ug/l	98
15) Acrylonitrile	5.173	53	19520	28.806	ug/l	99
16) Acetone	3.960	43	23852	31.290	ug/l	94
17) Carbon Disulfide	4.204	76	32104	5.739	ug/l	98
18) Methyl Acetate	4.484	43	18296	6.869	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	32806	5.841	ug/l	100
20) Methylene Chloride	4.722	84	30163	10.297	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	11717	5.518	ug/l	95
22) Diisopropyl ether	6.130	45	39963	5.219	ug/l	92
23) Vinyl Acetate	6.069	43	110688	24.866	ug/l	99
24) 1,1-Dichloroethane	6.021	63	24176	5.704	ug/l	96
25) 2-Butanone	6.996	43	26657	27.152	ug/l	91
26) 2,2-Dichloropropane	6.990	77	19939	5.452	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	14813	5.994	ug/l	96
28) Bromochloromethane	7.338	49	8365	5.823	ug/l	94
29) Tetrahydrofuran	7.356	42	15925	26.855	ug/l	97
30) Chloroform	7.514	83	25763	6.020	ug/l	100
31) Cyclohexane	7.789	56	18858	5.045	ug/l #	74
32) 1,1,1-Trichloroethane	7.709	97	20850	5.623	ug/l	99
36) 1,1-Dichloropropene	7.923	75	15888	4.677	ug/l	98
37) Ethyl Acetate	7.088	43	12205	5.326	ug/l	98
38) Carbon Tetrachloride	7.898	117	18686	5.157	ug/l	96
39) Methylcyclohexane	9.185	83	15438	3.948	ug/l	97
40) Benzene	8.161	78	51625	5.261	ug/l	100

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Acq On : 23 May 2023 11:22
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 04:41:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 04:40:06 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :Krupa Patel 05/24/2023
Supervised By :Mahesh Dadoda 05/24/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.313	41	6165m	5.365 ug/l	
42) 1,2-Dichloroethane	8.246	62	18518	5.838 ug/l	100
43) Isopropyl Acetate	8.276	43	21491	5.205 ug/l	99
44) Trichloroethene	8.941	130	14547	5.641 ug/l	97
45) 1,2-Dichloropropane	9.221	63	13944	5.264 ug/l	98
46) Dibromomethane	9.307	93	8698	5.830 ug/l	97
47) Bromodichloromethane	9.502	83	19553	5.537 ug/l	96
48) Methyl methacrylate	9.294	41	9059	4.739 ug/l	96
49) 1,4-Dioxane	9.313	88	1834m	100.896 ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	54310	23.789 ug/l	98
52) Toluene	10.246	92	31030	5.230 ug/l	100
53) t-1,3-Dichloropropene	10.465	75	19563	5.341 ug/l	92
54) cis-1,3-Dichloropropene	9.935	75	21555	5.271 ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	11217	5.535 ug/l	92
56) Ethyl methacrylate	10.514	69	12960	4.800 ug/l	98
57) 1,3-Dichloropropane	10.794	76	18169	5.209 ug/l	94
58) 2-Chloroethyl Vinyl ether	9.782	63	27380	28.769 ug/l	94
59) 2-Hexanone	10.837	43	37982	23.371 ug/l	95
60) Dibromochloromethane	10.989	129	14353	5.807 ug/l	99
61) 1,2-Dibromoethane	11.093	107	10654	5.554 ug/l	99
64) Tetrachloroethene	10.721	164	11678	5.182 ug/l	95
65) Chlorobenzene	11.520	112	35524	5.367 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	14489	5.658 ug/l	98
67) Ethyl Benzene	11.593	91	58659	4.973 ug/l	98
68) m/p-Xylenes	11.703	106	45918	10.375 ug/l	93
69) o-Xylene	12.032	106	21290	5.078 ug/l	97
70) Styrene	12.044	104	35159	4.940 ug/l	98
71) Bromoform	12.209	173	9739	5.761 ug/l #	97
73) Isopropylbenzene	12.331	105	53455	4.508 ug/l	100
74) N-amyl acetate	12.148	43	16519	4.186 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	13507	4.919 ug/l	95
76) 1,2,3-Trichloropropane	12.635	75	11225m	5.557 ug/l	
77) Bromobenzene	12.611	156	15320	5.335 ug/l	97
78) n-propylbenzene	12.672	91	67172	4.598 ug/l	100
79) 2-Chlorotoluene	12.757	91	41018	5.001 ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	45239	4.660 ug/l	95
81) trans-1,4-Dichloro-2-b...	12.379	75	4531	4.825 ug/l	95
82) 4-Chlorotoluene	12.855	91	41229	4.834 ug/l	99
83) tert-Butylbenzene	13.074	119	38717	4.595 ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	45300	4.765 ug/l	98
85) sec-Butylbenzene	13.257	105	57456	4.521 ug/l	99
86) p-Isopropyltoluene	13.373	119	48837	4.744 ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	30273	5.427 ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	31403	5.614 ug/l	96
89) n-Butylbenzene	13.696	91	45472	4.519 ug/l	99
90) Hexachloroethane	13.958	117	11581	5.365 ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	27564	5.562 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2394	5.296 ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	16451	5.506 ug/l	97
94) Hexachlorobutadiene	15.117	225	10251	5.518 ug/l	98
95) Naphthalene	15.239	128	29998	5.064 ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	15037	5.596 ug/l	98

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Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 04:41:34 2023
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Quant Title : SW846 8260
QLast Update : Wed May 24 04:40:06 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :Krupa Patel 05/24/2023
Supervised By :Mahesh Dadoda 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
Data File : VY013828.D
Acq On : 23 May 2023 11:22
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Title : SW846 8260
QLast Update : Wed May 24 04:40:06 2023
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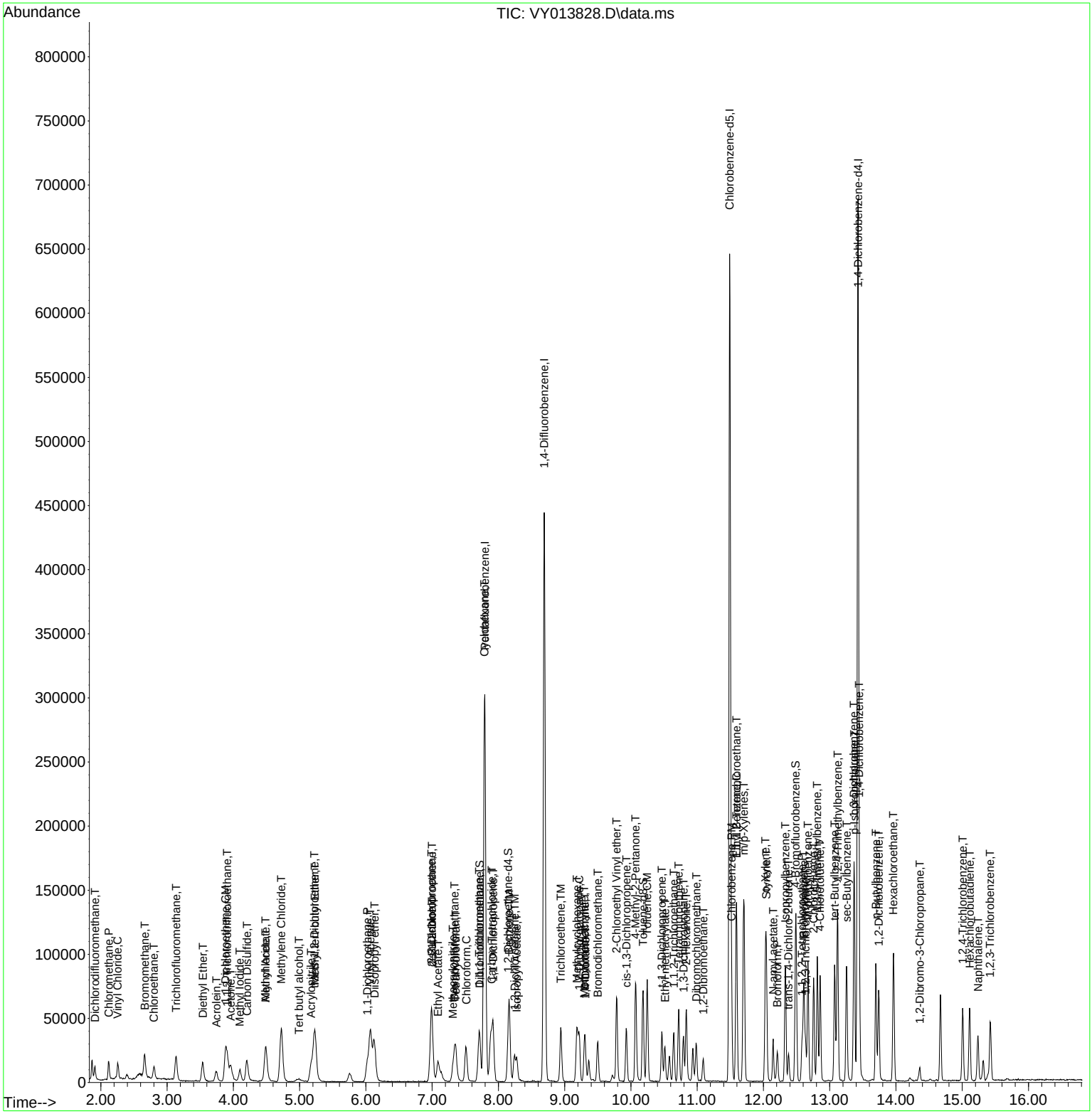
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED
Reviewed By :Krupa Patel 05/24/2023
Supervised By :Mahesh Dadoda 05/24/2023