Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
Data File : VY005708.D
Acq On : 17 Aug 2021 13:27
Operator : SY/MD
Sample : VY0817SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

Manual Integrations APPROVED
MMDadoda
8/18/2021 6:59:43 PM

Quant Time: Aug 18 01:51:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	215250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	289248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105958	48.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.260%			
35) Dibromofluoromethane	7.722	113	86897	48.876	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.185	98	356101	47.757	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.520%			
62) 4-Bromofluorobenzene	12.483	95	120359	48.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	44785	25.332	ug/l	100
3) Chloromethane	2.119	50	51222	24.255	ug/l	99
4) Vinyl Chloride	2.259	62	63262	25.010	ug/l	97
5) Bromomethane	2.650	94	41477	24.912	ug/l	99
6) Chloroethane	2.796	64	40518	26.537	ug/l	98
7) Trichlorofluoromethane	3.131	101	83046	24.521	ug/l	100
8) Diethyl Ether	3.540	74	27629	23.358	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	46344	25.228	ug/l	97
10) Methyl Iodide	4.107	142	55038	24.048	ug/l	99
11) Tert butyl alcohol	4.972	59	23696	110.011	ug/l	98
12) 1,1-Dichloroethene	3.881	96	45914	24.751	ug/l	96
13) Acrolein	3.735	56	11159	85.867	ug/l	99
14) Allyl chloride	4.485	41	83233	25.618	ug/l	99
15) Acrylonitrile	5.173	53	68792	113.479	ug/l	98
16) Acetone	3.954	43	67506	122.884	ug/l	98
17) Carbon Disulfide	4.204	76	139165	24.337	ug/l	100
18) Methyl Acetate	4.491	43	32294	22.477	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	134622	23.426	ug/l	97
20) Methylene Chloride	4.722	84	61456	25.218	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	50442	24.322	ug/l	96
22) Diisopropyl ether	6.125	45	172371	25.716	ug/l	95
23) Vinyl Acetate	6.070	43	530395	118.904	ug/l	98
24) 1,1-Dichloroethane	6.021	63	94611	25.470	ug/l	99
25) 2-Butanone	6.996	43	82720	101.867	ug/l	100
26) 2,2-Dichloropropane	6.984	77	76062	22.412	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	49096	20.814	ug/l	93
28) Bromochloromethane	7.338	49	36719	24.767	ug/l	96
29) Tetrahydrofuran	7.356	42	51144	95.223	ug/l	97
30) Chloroform	7.515	83	82885	21.861	ug/l	95
31) Cyclohexane	7.789	56	79162	21.181	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	76848	22.050	ug/l	98
36) 1,1-Dichloropropene	7.923	75	64760	21.743	ug/l	98
37) Ethyl Acetate	7.076	43	35212	19.515	ug/l	98
38) Carbon Tetrachloride	7.905	117	70910	21.905	ug/l	96
39) Methylcyclohexane	9.185	83	79984	21.108	ug/l	99
40) Benzene	8.167	78	181799	21.315	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	21013m	21.463	ug/l		
42) 1,2-Dichloroethane	8.240	62	58885	21.284	ug/l		99
43) Isopropyl Acetate	8.277	43	67290	19.698	ug/l		99
44) Trichloroethene	8.941	130	49800	21.393	ug/l		98
45) 1,2-Dichloropropane	9.222	63	45796	21.462	ug/l		100
46) Dibromomethane	9.307	93	23944	20.294	ug/l		98
47) Bromodichloromethane	9.502	83	62217	21.070	ug/l		99
48) Methyl methacrylate	9.295	41	31896	20.660	ug/l		94
49) 1,4-Dioxane	9.301	88	6021	367.194	ug/l		87
51) 4-Methyl-2-Pentanone	10.075	43	175355	97.471	ug/l		98
52) Toluene	10.246	92	116058	21.340	ug/l		100
53) t-1,3-Dichloropropene	10.465	75	68077	20.629	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	76046	21.234	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	34386	20.143	ug/l		96
56) Ethyl methacrylate	10.514	69	49982	19.553	ug/l		98
57) 1,3-Dichloropropane	10.794	76	62350	20.712	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	119651	97.962	ug/l		99
59) 2-Hexanone	10.837	43	125116	98.396	ug/l		98
60) Dibromochloromethane	10.983	129	42291	20.018	ug/l		97
61) 1,2-Dibromoethane	11.093	107	32408	20.041	ug/l		99
64) Tetrachloroethene	10.721	164	48631	22.088	ug/l		98
65) Chlorobenzene	11.520	112	123950	21.295	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	45999	20.997	ug/l		99
67) Ethyl Benzene	11.593	91	225277	21.344	ug/l		98
68) m/p-Xylenes	11.703	106	174347	42.529	ug/l		99
69) o-Xylene	12.032	106	82666	20.980	ug/l		100
70) Styrene	12.044	104	139000	20.958	ug/l		100
71) Bromoform	12.209	173	27935	19.663	ug/l	#	97
73) Isopropylbenzene	12.331	105	224949	21.087	ug/l		99
74) N-amyl acetate	12.148	43	63999	19.930	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.581	83	38941	18.979	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	33692m	21.274	ug/l		
77) Bromobenzene	12.611	156	53527	20.424	ug/l		97
78) n-propylbenzene	12.672	91	271161	21.402	ug/l		100
79) 2-Chlorotoluene	12.758	91	149226	20.975	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	188257	21.265	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	15344	19.531	ug/l		97
82) 4-Chlorotoluene	12.855	91	155332	21.101	ug/l		100
83) tert-Butylbenzene	13.075	119	163909	20.633	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	184685	21.142	ug/l		99
85) sec-Butylbenzene	13.251	105	246695	21.530	ug/l		100
86) p-Isopropyltoluene	13.373	119	209760	21.323	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	106873	20.898	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	105325	20.761	ug/l		97
89) n-Butylbenzene	13.696	91	193963	21.764	ug/l		100
90) Hexachloroethane	13.965	117	38083	21.532	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	93349	20.666	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6910	17.766	ug/l		99
93) 1,2,4-Trichlorobenzene	15.007	180	65476	21.101	ug/l		100
94) Hexachlorobutadiene	15.111	225	43614	21.708	ug/l		100
95) Naphthalene	15.239	128	116563	19.056	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	56462	20.539	ug/l		99

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

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

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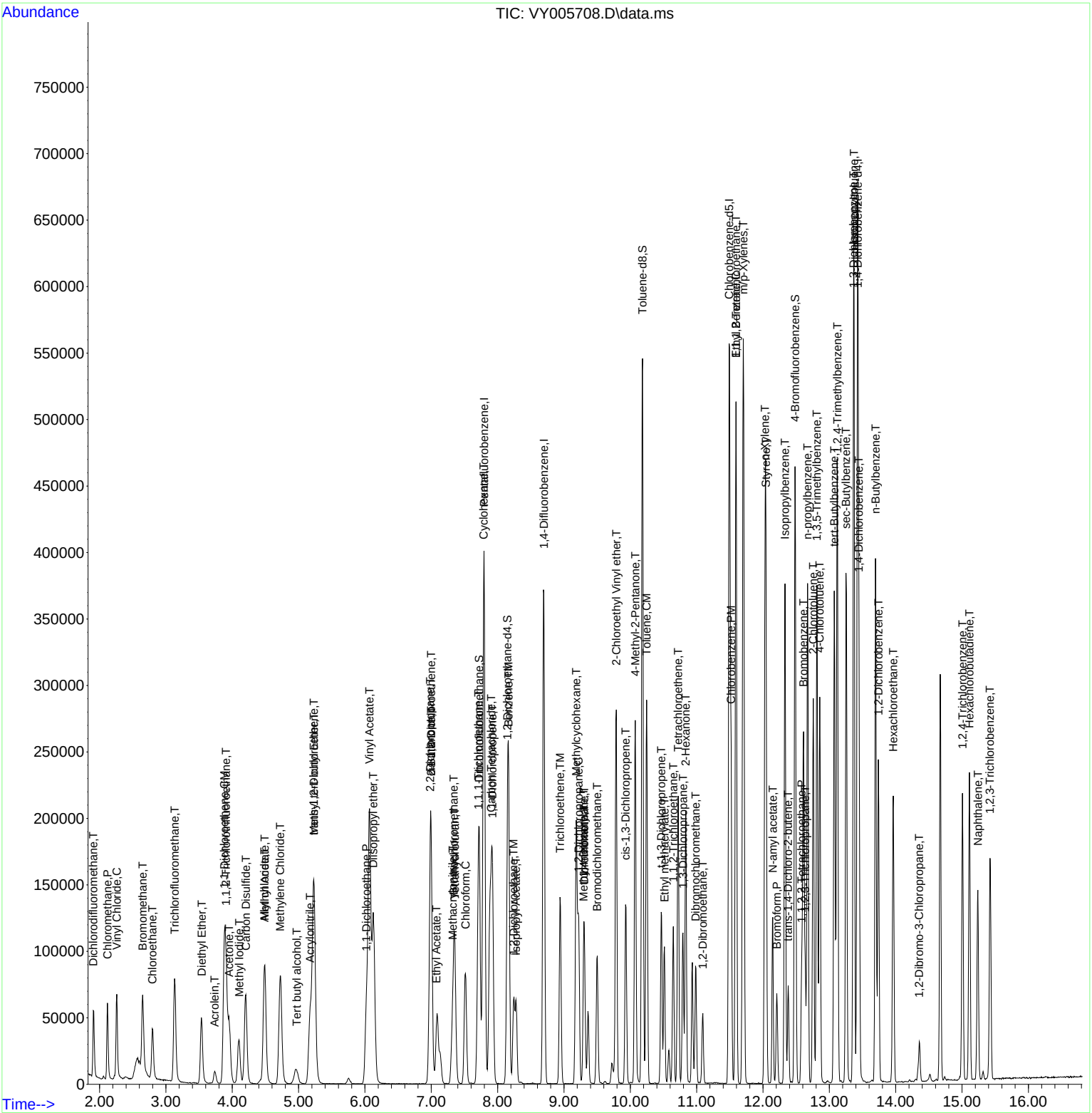
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