Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008968.D
Acq On : 21 May 2022 23:56
Operator : KP/MD
Sample : VY0521SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 22 02:46:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

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05/24/2022

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Supervised By :Mahesh Dadoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	97090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	45907	45.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.880%			
35) Dibromofluoromethane	7.710	113	48382	46.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.600%			
50) Toluene-d8	10.179	98	153639	40.280	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.560%			
62) 4-Bromofluorobenzene	12.477	95	70226	45.642	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	19574	22.043	ug/l	99
3) Chloromethane	2.107	50	33320	26.191	ug/l	95
4) Vinyl Chloride	2.247	62	50093	26.578	ug/l	99
5) Bromomethane	2.625	94	59052	31.963	ug/l	96
6) Chloroethane	2.784	64	37058	27.754	ug/l	98
7) Trichlorofluoromethane	3.113	101	37490	23.422	ug/l	98
8) Diethyl Ether	3.522	74	12364	24.704	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	22659	23.034	ug/l	91
10) Methyl Iodide	4.082	142	18426	18.139	ug/l	94
11) Tert butyl alcohol	4.948	59	12785	126.141	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20382	22.319	ug/l	86
13) Acrolein	3.717	56	5670	169.955	ug/l	95
14) Allyl chloride	4.466	41	30905	22.456	ug/l #	90
15) Acrylonitrile	5.155	53	33798	120.610	ug/l	99
16) Acetone	3.942	43	27607	132.727	ug/l	95
17) Carbon Disulfide	4.186	76	63934	21.430	ug/l	99
18) Methyl Acetate	4.466	43	16634	25.682	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	62209	22.696	ug/l	99
20) Methylene Chloride	4.710	84	26694	17.773	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	26084	22.254	ug/l	84
22) Diisopropyl ether	6.113	45	74893	22.651	ug/l #	95
23) Vinyl Acetate	6.052	43	249106	113.899	ug/l	96
24) 1,1-Dichloroethane	6.009	63	44881	22.695	ug/l	99
25) 2-Butanone	6.984	43	44586	120.014	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	33209	18.230	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	28734	21.747	ug/l	88
28) Bromochloromethane	7.326	49	16300	24.014	ug/l	92
29) Tetrahydrofuran	7.344	42	29611	117.338	ug/l #	86
30) Chloroform	7.503	83	47657	22.325	ug/l	96
31) Cyclohexane	7.777	56	40465	20.700	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	42244	21.812	ug/l	99
36) 1,1-Dichloropropene	7.911	75	36659	20.835	ug/l	98
37) Ethyl Acetate	7.070	43	21132	23.153	ug/l	96
38) Carbon Tetrachloride	7.893	117	36872	20.032	ug/l	95
39) Methylcyclohexane	9.179	83	45188	19.897	ug/l	92
40) Benzene	8.155	78	107841	21.255	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	9701m	20.597	ug/l		
42) 1,2-Dichloroethane	8.234	62	32728	21.967	ug/l		93
43) Isopropyl Acetate	8.271	43	38835	22.883	ug/l	#	90
44) Trichloroethene	8.935	130	28309	21.072	ug/l		97
45) 1,2-Dichloropropane	9.210	63	27024	22.182	ug/l		94
46) Dibromomethane	9.301	93	17183	22.181	ug/l		92
47) Bromodichloromethane	9.490	83	39281	22.188	ug/l		97
48) Methyl methacrylate	9.289	41	17548	23.156	ug/l	#	86
49) 1,4-Dioxane	9.289	88	4753	458.987	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.069	43	108770	115.807	ug/l		93
52) Toluene	10.240	92	72811	20.535	ug/l		96
53) t-1,3-Dichloropropene	10.459	75	37434	19.911	ug/l		98
54) cis-1,3-Dichloropropene	9.923	75	41066	20.319	ug/l		91
55) 1,1,2-Trichloroethane	10.642	97	22729	20.972	ug/l		97
56) Ethyl methacrylate	10.508	69	28374	20.478	ug/l		93
57) 1,3-Dichloropropane	10.789	76	39388	22.279	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	65812	109.786	ug/l		96
59) 2-Hexanone	10.831	43	75285	117.072	ug/l		91
60) Dibromochloromethane	10.984	129	26539	20.201	ug/l		100
61) 1,2-Dibromoethane	11.087	107	22786	21.217	ug/l		98
64) Tetrachloroethene	10.715	164	24449	20.367	ug/l		97
65) Chlorobenzene	11.514	112	80254	21.201	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.587	131	27726	20.003	ug/l		96
67) Ethyl Benzene	11.587	91	137391	20.140	ug/l		98
68) m/p-Xylenes	11.697	106	111008	40.084	ug/l		90
69) o-Xylene	12.026	106	51661	20.088	ug/l		91
70) Styrene	12.044	104	86764	19.618	ug/l		95
71) Bromoform	12.209	173	18171	19.776	ug/l	#	99
73) Isopropylbenzene	12.325	105	134191	19.834	ug/l		100
74) N-amyl acetate	12.142	43	37004	23.705	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.581	83	30613	21.965	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	20128m	20.715	ug/l		
77) Bromobenzene	12.605	156	31919	20.352	ug/l		97
78) n-propylbenzene	12.666	91	169072	21.629	ug/l		100
79) 2-Chlorotoluene	12.752	91	90918	20.164	ug/l		95
80) 1,3,5-Trimethylbenzene	12.806	105	115003	20.279	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.374	75	9262	19.564	ug/l		88
82) 4-Chlorotoluene	12.849	91	100543	20.848	ug/l		98
83) tert-Butylbenzene	13.075	119	102717	20.416	ug/l		91
84) 1,2,4-Trimethylbenzene	13.117	105	116906	20.766	ug/l		98
85) sec-Butylbenzene	13.252	105	157020	20.398	ug/l		99
86) p-Isopropyltoluene	13.367	119	128934	20.086	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	68413	20.449	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	69578	20.700	ug/l		98
89) n-Butylbenzene	13.697	91	123154	20.971	ug/l		97
90) Hexachloroethane	13.959	117	25013	20.793	ug/l		82
91) 1,2-Dichlorobenzene	13.739	146	62455	21.148	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4714	21.786	ug/l		84
93) 1,2,4-Trichlorobenzene	15.007	180	31917	19.692	ug/l		98
94) Hexachlorobutadiene	15.111	225	17934	20.301	ug/l		99
95) Naphthalene	15.233	128	66682	20.480	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	28529	20.256	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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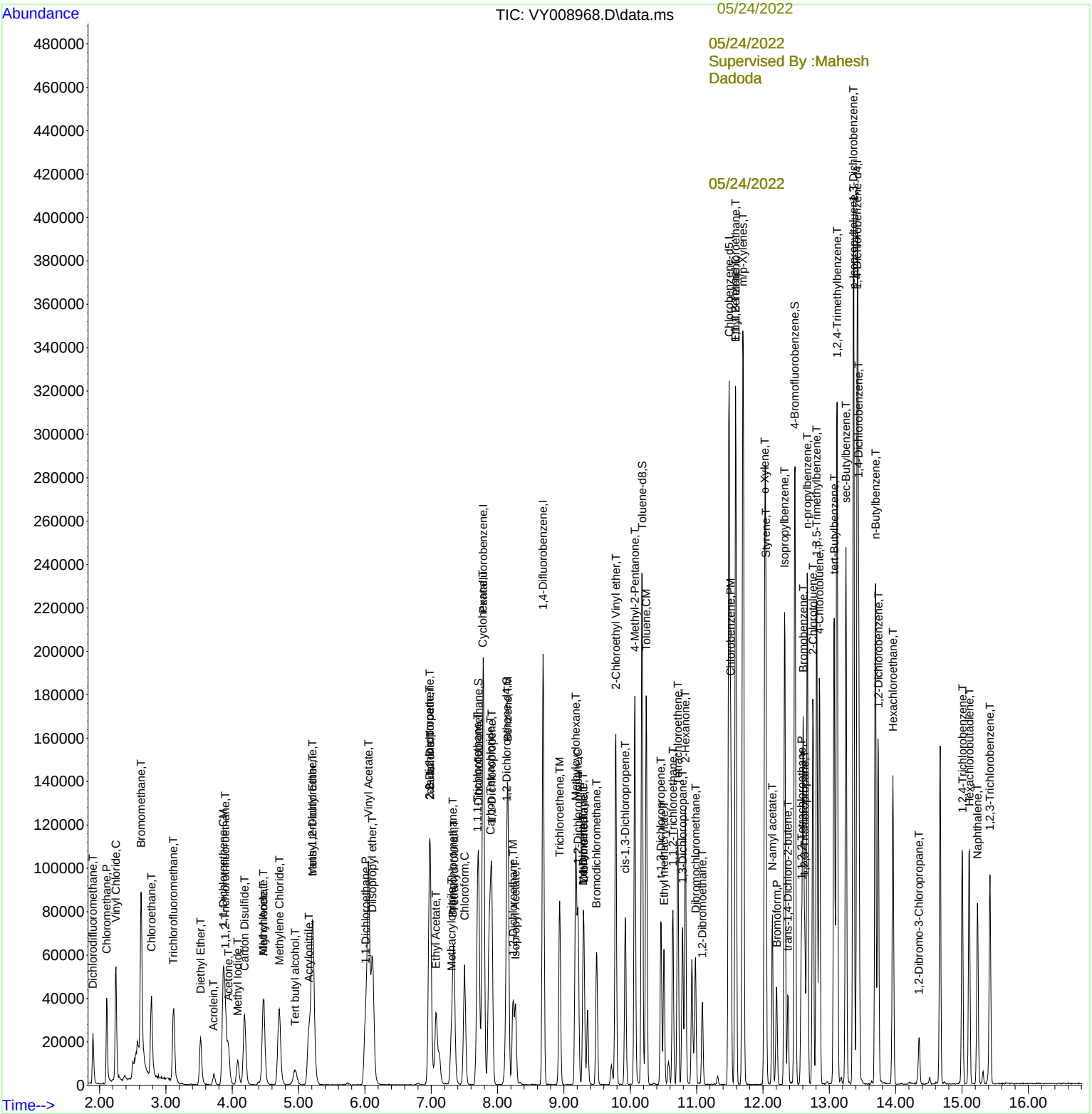
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