

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012470.D
 Acq On : 03 Feb 2023 12:28
 Operator : KP/MD
 Sample : VY0203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

Quant Time: Feb 04 00:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66808	50.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.722	113	63258	48.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.960%			
50) Toluene-d8	10.179	98	214225	47.677	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.483	95	86721	47.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29071	20.696	ug/l	97
3) Chloromethane	2.113	50	27568	21.260	ug/l	97
4) Vinyl Chloride	2.253	62	32561	21.513	ug/l	99
5) Bromomethane	2.643	94	25490	21.783	ug/l	100
6) Chloroethane	2.796	64	22039	22.327	ug/l	97
7) Trichlorofluoromethane	3.125	101	65109	22.041	ug/l	99
8) Diethyl Ether	3.534	74	20364	23.167	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	32820	22.828	ug/l	94
10) Methyl Iodide	4.094	142	42799	19.589	ug/l	97
11) Tert butyl alcohol	4.948	59	28658	177.697	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	32590	22.076	ug/l	95
13) Acrolein	3.735	56	6736	93.063	ug/l	99
14) Allyl chloride	4.479	41	40774	22.338	ug/l #	87
15) Acrylonitrile	5.161	53	47345	123.311	ug/l	99
16) Acetone	3.948	43	47132	105.305	ug/l	100
17) Carbon Disulfide	4.198	76	90523	19.824	ug/l	100
18) Methyl Acetate	4.479	43	24678	24.640	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	95336	23.167	ug/l	95
20) Methylene Chloride	4.716	84	47863	20.918	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	36407	22.100	ug/l	90
22) Diisopropyl ether	6.118	45	86286	23.711	ug/l #	93
23) Vinyl Acetate	6.064	43	262750	115.871	ug/l	94
24) 1,1-Dichloroethane	6.021	63	57458	22.764	ug/l	97
25) 2-Butanone	6.990	43	58591	118.577	ug/l	90
26) 2,2-Dichloropropane	6.984	77	62719	22.890	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	40620	22.448	ug/l	95
28) Bromochloromethane	7.338	49	11925	21.633	ug/l #	77
29) Tetrahydrofuran	7.350	42	33647	123.969	ug/l #	83
30) Chloroform	7.508	83	67072	22.510	ug/l	98
31) Cyclohexane	7.789	56	50211	21.425	ug/l	85
32) 1,1,1-Trichloroethane	7.704	97	65887	22.336	ug/l	98
36) 1,1-Dichloropropene	7.917	75	48502	22.099	ug/l	98
37) Ethyl Acetate	7.082	43	23052	23.826	ug/l #	94
38) Carbon Tetrachloride	7.899	117	62063	21.895	ug/l	93
39) Methylcyclohexane	9.185	83	59406	22.149	ug/l	93
40) Benzene	8.161	78	141834	22.391	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	11419m	20.079	ug/l	
42) 1,2-Dichloroethane	8.234	62	45422	22.523	ug/l	99
43) Isopropyl Acetate	8.271	43	42507	23.614	ug/l #	93
44) Trichloroethene	8.941	130	42333	22.359	ug/l	95
45) 1,2-Dichloropropane	9.215	63	31059	23.498	ug/l	94
46) Dibromomethane	9.307	93	20242	22.876	ug/l	96
47) Bromodichloromethane	9.496	83	50690	22.757	ug/l	98
48) Methyl methacrylate	9.295	41	19392	23.381	ug/l	90
49) 1,4-Dioxane	9.301	88	5978	495.793	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	118359	123.310	ug/l	95
52) Toluene	10.246	92	95960	22.752	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	52776	22.652	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	56746	22.616	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30303	24.104	ug/l	97
56) Ethyl methacrylate	10.514	69	39037	23.668	ug/l	94
57) 1,3-Dichloropropane	10.788	76	48553	23.648	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	63452	116.266	ug/l #	89
59) 2-Hexanone	10.831	43	86852	118.848	ug/l	93
60) Dibromochloromethane	10.983	129	39372	23.612	ug/l	97
61) 1,2-Dibromoethane	11.087	107	28207	23.251	ug/l	99
64) Tetrachloroethene	10.721	164	47196	23.148	ug/l	95
65) Chlorobenzene	11.514	112	104121	22.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40456	23.445	ug/l	97
67) Ethyl Benzene	11.593	91	183048	22.404	ug/l	98
68) m/p-Xylenes	11.703	106	146246	45.271	ug/l	98
69) o-Xylene	12.032	106	69868	22.643	ug/l	97
70) Styrene	12.044	104	118142	22.916	ug/l	99
71) Bromoform	12.209	173	26247	23.807	ug/l #	99
73) Isopropylbenzene	12.331	105	189055	22.059	ug/l	99
74) N-amyl acetate	12.142	43	37508	22.325	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	31239	23.141	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	24038m	21.994	ug/l	
77) Bromobenzene	12.611	156	44730	21.689	ug/l	94
78) n-propylbenzene	12.672	91	221647	22.100	ug/l	98
79) 2-Chlorotoluene	12.758	91	125479	22.129	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	164350	22.059	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	12480	23.528	ug/l	99
82) 4-Chlorotoluene	12.855	91	129812	21.794	ug/l	97
83) tert-Butylbenzene	13.075	119	143941	22.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	162937	22.176	ug/l	99
85) sec-Butylbenzene	13.251	105	206792	22.367	ug/l	99
86) p-Isopropyltoluene	13.367	119	178635	22.115	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	91131	22.218	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	89900	21.977	ug/l	99
89) n-Butylbenzene	13.696	91	154024	22.003	ug/l	98
90) Hexachloroethane	13.965	117	32173	22.063	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	81881	22.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6547	23.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	50703	21.621	ug/l	98
94) Hexachlorobutadiene	15.111	225	31081	22.013	ug/l	98
95) Naphthalene	15.239	128	99572	21.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43991	21.799	ug/l	99

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

