

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007993.D
 Acq On : 22 Mar 2022 12:00
 Operator : SY/MD
 Sample : VY0322SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0322SBS02

Quant Time: Mar 23 05:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	390866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116379	46.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.420%		
35) Dibromofluoromethane	7.716	113	117346	42.749	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.500%		
50) Toluene-d8	10.179	98	406826	48.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.483	95	154289	39.163	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33562	20.510	ug/l	100
3) Chloromethane	2.113	50	47974	23.862	ug/l	97
4) Vinyl Chloride	2.253	62	61999	25.909	ug/l	99
5) Bromomethane	2.643	94	47645	29.852	ug/l	91
6) Chloroethane	2.790	64	43600	24.138	ug/l	98
7) Trichlorofluoromethane	3.125	101	84612	20.893	ug/l	93
8) Diethyl Ether	3.527	74	30566	20.337	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	54849	20.969	ug/l	88
10) Methyl Iodide	4.094	142	49626	20.525	ug/l	91
11) Tert butyl alcohol	4.954	59	30484	103.902	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	48578	20.254	ug/l	89
13) Acrolein	3.735	56	19821	112.167	ug/l	97
14) Allyl chloride	4.478	41	84195	20.871	ug/l #	93
15) Acrylonitrile	5.167	53	84654	105.688	ug/l	97
16) Acetone	3.948	43	71046	106.341	ug/l #	84
17) Carbon Disulfide	4.192	76	118545	23.009	ug/l	97
18) Methyl Acetate	4.478	43	44704	25.253	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	159542	21.206	ug/l	97
20) Methylene Chloride	4.722	84	64440	22.305	ug/l	83
21) trans-1,2-Dichloroethene	5.222	96	55928	20.829	ug/l	85
22) Diisopropyl ether	6.118	45	188872	21.762	ug/l	93
23) Vinyl Acetate	6.057	43	580309	106.754	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	106802	21.848	ug/l	98
25) 2-Butanone	6.984	43	112891	105.492	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	99509	21.963	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	68462	21.243	ug/l	90
28) Bromochloromethane	7.332	49	44373	22.981	ug/l	93
29) Tetrahydrofuran	7.344	42	72273	105.403	ug/l #	86
30) Chloroform	7.508	83	110677	21.904	ug/l	100
31) Cyclohexane	7.783	56	94469	23.227	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	96998	21.314	ug/l	97
36) 1,1-Dichloropropene	7.917	75	80882	19.866	ug/l	99
37) Ethyl Acetate	7.069	43	49586	19.960	ug/l	97
38) Carbon Tetrachloride	7.899	117	83582	19.212	ug/l	98
39) Methylcyclohexane	9.185	83	101503	20.624	ug/l	94
40) Benzene	8.161	78	235453	19.790	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25328	16.532	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	71109	20.643	ug/l	92
43) Isopropyl Acetate	8.270	43	93868	19.599	ug/l #	92
44) Trichloroethene	8.941	130	61806	18.787	ug/l	96
45) 1,2-Dichloropropane	9.215	63	61983	20.120	ug/l	100
46) Dibromomethane	9.307	93	34771	19.294	ug/l	90
47) Bromodichloromethane	9.496	83	84096	19.316	ug/l	98
48) Methyl methacrylate	9.295	41	39879	18.718	ug/l #	86
49) 1,4-Dioxane	9.301	88	10365	406.102	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	248996	98.678	ug/l	90
52) Toluene	10.246	92	149095	19.513	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	88375	19.028	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	100473	19.399	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	50917	19.447	ug/l	97
56) Ethyl methacrylate	10.514	69	70701	18.809	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	85669	19.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	173264	93.964	ug/l	96
59) 2-Hexanone	10.831	43	175237	97.113	ug/l	89
60) Dibromochloromethane	10.990	129	57914	18.468	ug/l	98
61) 1,2-Dibromoethane	11.087	107	48390	19.104	ug/l	97
64) Tetrachloroethene	10.721	164	48493	18.042	ug/l	93
65) Chlorobenzene	11.520	112	161132	19.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57894	18.584	ug/l	96
67) Ethyl Benzene	11.593	91	292805	19.866	ug/l	100
68) m/p-Xylenes	11.703	106	223619	38.894	ug/l	95
69) o-Xylene	12.032	106	107050	19.249	ug/l	96
70) Styrene	12.044	104	179413	19.188	ug/l	97
71) Bromoform	12.209	173	32727	16.401	ug/l #	98
73) Isopropylbenzene	12.331	105	291599	20.646	ug/l	100
74) N-amyl acetate	12.148	43	83868	20.127	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	60694	19.964	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	41046m	17.947	ug/l	
77) Bromobenzene	12.611	156	60623	18.784	ug/l	93
78) n-propylbenzene	12.672	91	353771	20.743	ug/l	99
79) 2-Chlorotoluene	12.757	91	197728	20.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	236393	20.353	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21159	19.432	ug/l	87
82) 4-Chlorotoluene	12.855	91	201935	20.258	ug/l	100
83) tert-Butylbenzene	13.075	119	213443	20.536	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	230911	20.281	ug/l	99
85) sec-Butylbenzene	13.257	105	318680	20.459	ug/l	99
86) p-Isopropyltoluene	13.373	119	258025	20.404	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	122958	19.507	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	123232	19.506	ug/l	97
89) n-Butylbenzene	13.696	91	257420	21.212	ug/l	99
90) Hexachloroethane	13.965	117	49365	19.558	ug/l	75
91) 1,2-Dichlorobenzene	13.739	146	109659	19.341	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9882	18.894	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	62409	17.413	ug/l	98
94) Hexachlorobutadiene	15.117	225	30979	16.201	ug/l	96
95) Naphthalene	15.239	128	144555	18.077	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	54615	17.277	ug/l	98

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

