

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008130.D
 Acq On : 31 Mar 2022 11:18
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

Quant Time: Mar 31 14:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75670	50.841	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.722	113	80303	50.328	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.660%			
50) Toluene-d8	10.179	98	296425	49.310	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.483	95	101270	47.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	28203	21.090	ug/l	100
3) Chloromethane	2.113	50	32090	19.706	ug/l	94
4) Vinyl Chloride	2.253	62	42373	19.557	ug/l	97
5) Bromomethane	2.643	94	37019	20.848	ug/l	100
6) Chloroethane	2.790	64	27873	19.557	ug/l	99
7) Trichlorofluoromethane	3.125	101	52223	19.054	ug/l	88
8) Diethyl Ether	3.527	74	17550	19.773	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	32873	19.335	ug/l	92
10) Methyl Iodide	4.088	142	33761	18.121	ug/l	90
11) Tert butyl alcohol	4.960	59	14702	95.207	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	30929	19.651	ug/l #	80
13) Acrolein	3.729	56	11414	90.811	ug/l	95
14) Allyl chloride	4.478	41	39741	19.191	ug/l #	90
15) Acrylonitrile	5.161	53	42061	99.487	ug/l	97
16) Acetone	3.942	43	32124	94.428	ug/l #	84
17) Carbon Disulfide	4.198	76	90178	20.220	ug/l	100
18) Methyl Acetate	4.478	43	18479	15.673	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	87632	19.592	ug/l	95
20) Methylene Chloride	4.722	84	37600	18.788	ug/l #	73
21) trans-1,2-Dichloroethene	5.222	96	36469	20.011	ug/l	84
22) Diisopropyl ether	6.118	45	87099	19.550	ug/l #	91
23) Vinyl Acetate	6.064	43	286151	103.655	ug/l #	85
24) 1,1-Dichloroethane	6.021	63	56747	19.239	ug/l	98
25) 2-Butanone	6.984	43	51300	99.092	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	53941	19.311	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	41240	19.522	ug/l	80
28) Bromochloromethane	7.338	49	19919	20.697	ug/l #	69
29) Tetrahydrofuran	7.344	42	34131	101.407	ug/l #	74
30) Chloroform	7.508	83	62467	19.559	ug/l	97
31) Cyclohexane	7.783	56	52387	18.830	ug/l #	79
32) 1,1,1-Trichloroethane	7.703	97	58088	19.685	ug/l	94
36) 1,1-Dichloropropene	7.917	75	47772	19.060	ug/l	95
37) Ethyl Acetate	7.076	43	24108	20.590	ug/l #	90
38) Carbon Tetrachloride	7.905	117	51712	18.932	ug/l	99
39) Methylcyclohexane	9.185	83	62093	18.354	ug/l #	84
40) Benzene	8.161	78	138626	19.336	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	13510m	22.979	ug/l	
42) 1,2-Dichloroethane	8.240	62	38630	19.207	ug/l	90
43) Isopropyl Acetate	8.270	43	44019	19.151	ug/l #	86
44) Trichloroethene	8.941	130	39537	19.070	ug/l	100
45) 1,2-Dichloropropane	9.215	63	32561	19.271	ug/l #	88
46) Dibromomethane	9.307	93	21736	19.564	ug/l	95
47) Bromodichloromethane	9.496	83	48556	19.113	ug/l	96
48) Methyl methacrylate	9.295	41	18980	18.644	ug/l #	77
49) 1,4-Dioxane	9.295	88	6052	409.766	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	113196	97.643	ug/l #	84
52) Toluene	10.246	92	91140	19.384	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	49306	18.934	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	56208	19.067	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	29740	19.386	ug/l	95
56) Ethyl methacrylate	10.508	69	38848	19.413	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	48690	19.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	73890	89.118	ug/l #	87
59) 2-Hexanone	10.831	43	78503	96.774	ug/l	81
60) Dibromochloromethane	10.983	129	35557	19.058	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29443	19.270	ug/l	99
64) Tetrachloroethene	10.721	164	32821	18.743	ug/l	97
65) Chlorobenzene	11.520	112	99056	19.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36091	19.033	ug/l	96
67) Ethyl Benzene	11.593	91	171816	19.069	ug/l	95
68) m/p-Xylenes	11.703	106	136819	38.188	ug/l	93
69) o-Xylene	12.032	106	65880	19.205	ug/l	91
70) Styrene	12.044	104	108650	19.348	ug/l	94
71) Bromoform	12.209	173	21058	18.393	ug/l #	98
73) Isopropylbenzene	12.331	105	170051	19.435	ug/l	98
74) N-amyl acetate	12.142	43	37612	19.556	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	34283	20.159	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	26453m	20.472	ug/l	
77) Bromobenzene	12.611	156	39330	19.594	ug/l	94
78) n-propylbenzene	12.672	91	203378	19.706	ug/l	97
79) 2-Chlorotoluene	12.757	91	113521	19.829	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	140804	19.644	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11274	19.467	ug/l	85
82) 4-Chlorotoluene	12.855	91	116723	19.870	ug/l	98
83) tert-Butylbenzene	13.074	119	123832	19.391	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	137487	19.697	ug/l	98
85) sec-Butylbenzene	13.257	105	186294	19.764	ug/l	99
86) p-Isopropyltoluene	13.373	119	153856	19.613	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	77283	19.420	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76748	19.338	ug/l	99
89) n-Butylbenzene	13.696	91	142769	19.781	ug/l	99
90) Hexachloroethane	13.965	117	29098	19.144	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	67823	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5430	20.005	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	38128	18.169	ug/l	97
94) Hexachlorobutadiene	15.117	225	19214	17.308	ug/l	98
95) Naphthalene	15.239	128	84029	18.115	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	33030	18.191	ug/l	99

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

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