

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008105.D
 Acq On : 30 Mar 2022 12:38
 Operator : SY/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 31 04:30:08 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	7.795	168	155204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77188	49.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.722	113	83790	50.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.700%		
50) Toluene-d8	10.179	98	309281	49.328	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.483	95	107067	48.402	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	29447	21.047	ug/l	100
3) Chloromethane	2.119	50	33720	19.792	ug/l	96
4) Vinyl Chloride	2.253	62	42718	18.845	ug/l	99
5) Bromomethane	2.644	94	38310	20.622	ug/l	97
6) Chloroethane	2.796	64	28304	18.982	ug/l	95
7) Trichlorofluoromethane	3.131	101	54874	19.136	ug/l	94
8) Diethyl Ether	3.534	74	18480	19.901	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.905	101	34529	19.412	ug/l	91
10) Methyl Iodide	4.101	142	36695	18.760	ug/l	91
11) Tert butyl alcohol	4.960	59	14730	91.173	ug/l	96
12) 1,1-Dichloroethene	3.875	96	32506	19.740	ug/l	82
13) Acrolein	3.735	56	12028	91.467	ug/l	100
14) Allyl chloride	4.491	41	42113	19.438	ug/l #	91
15) Acrylonitrile	5.174	53	42828	96.825	ug/l	98
16) Acetone	3.948	43	32767	92.062	ug/l #	85
17) Carbon Disulfide	4.204	76	98061	21.016	ug/l	98
18) Methyl Acetate	4.485	43	19212	15.521	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	91131	19.474	ug/l	95
20) Methylene Chloride	4.722	84	41167	19.903	ug/l #	77
21) trans-1,2-Dichloroethene	5.228	96	38884	20.393	ug/l	84
22) Diisopropyl ether	6.118	45	91444	19.618	ug/l #	93
23) Vinyl Acetate	6.064	43	297837	103.121	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	60738	19.682	ug/l	96
25) 2-Butanone	6.990	43	51384	94.868	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	56838	19.449	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	43703	19.774	ug/l	82
28) Bromochloromethane	7.338	49	21045	21.000	ug/l #	67
29) Tetrahydrofuran	7.350	42	33996	96.543	ug/l #	72
30) Chloroform	7.508	83	65470	19.594	ug/l	100
31) Cyclohexane	7.789	56	54097	18.586	ug/l #	76
32) 1,1,1-Trichloroethane	7.704	97	59452	19.257	ug/l	95
36) 1,1-Dichloropropene	7.923	75	50464	19.304	ug/l	95
37) Ethyl Acetate	7.076	43	23528	19.266	ug/l #	90
38) Carbon Tetrachloride	7.905	117	53741	18.864	ug/l	98
39) Methylcyclohexane	9.185	83	66372	18.810	ug/l #	84
40) Benzene	8.167	78	146023	19.528	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	12043m	19.640	ug/l	
42) 1,2-Dichloroethane	8.240	62	41015	19.553	ug/l	88
43) Isopropyl Acetate	8.277	43	45013	18.776	ug/l #	84
44) Trichloroethene	8.941	130	41710	19.289	ug/l	97
45) 1,2-Dichloropropane	9.222	63	34239	19.429	ug/l	95
46) Dibromomethane	9.307	93	22237	19.190	ug/l	95
47) Bromodichloromethane	9.502	83	50013	18.875	ug/l	96
48) Methyl methacrylate	9.295	41	19486	18.352	ug/l #	76
49) 1,4-Dioxane	9.301	88	6157	399.692	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	114766	94.917	ug/l #	82
52) Toluene	10.246	92	96817	19.743	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	51954	19.128	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	58996	19.188	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	30581	19.113	ug/l	96
56) Ethyl methacrylate	10.514	69	39451	18.902	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	50841	19.414	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	77963	90.154	ug/l #	89
59) 2-Hexanone	10.831	43	79650	94.140	ug/l	79
60) Dibromochloromethane	10.990	129	36592	18.804	ug/l	98
61) 1,2-Dibromoethane	11.093	107	30920	19.403	ug/l	100
64) Tetrachloroethene	10.721	164	34089	18.552	ug/l	96
65) Chlorobenzene	11.520	112	104722	19.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38110	19.153	ug/l	97
67) Ethyl Benzene	11.593	91	184539	19.519	ug/l	98
68) m/p-Xylenes	11.703	106	146258	38.904	ug/l	91
69) o-Xylene	12.032	106	69886	19.415	ug/l	90
70) Styrene	12.044	104	114085	19.361	ug/l	94
71) Bromoform	12.209	173	22162	18.447	ug/l #	96
73) Isopropylbenzene	12.331	105	182662	19.543	ug/l	100
74) N-amyl acetate	12.148	43	39027	18.995	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.587	83	35962	19.795	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	27762m	20.112	ug/l	
77) Bromobenzene	12.611	156	40328	18.807	ug/l	96
78) n-propylbenzene	12.672	91	218056	19.779	ug/l	98
79) 2-Chlorotoluene	12.758	91	121197	19.817	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	149433	19.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11720	18.943	ug/l #	84
82) 4-Chlorotoluene	12.855	91	124114	19.778	ug/l	97
83) tert-Butylbenzene	13.075	119	130570	19.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	147331	19.758	ug/l	97
85) sec-Butylbenzene	13.257	105	197364	19.600	ug/l	99
86) p-Isopropyltoluene	13.373	119	162884	19.437	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	81519	19.175	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	82463	19.450	ug/l	98
89) n-Butylbenzene	13.696	91	151517	19.651	ug/l	99
90) Hexachloroethane	13.965	117	30035	18.498	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	71543	19.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5613	19.358	ug/l	83
93) 1,2,4-Trichlorobenzene	15.013	180	42203	18.826	ug/l	97
94) Hexachlorobutadiene	15.117	225	21636	18.244	ug/l	98
95) Naphthalene	15.239	128	91499	18.465	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	35924	18.521	ug/l	99

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

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