

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008104.D
 Acq On : 30 Mar 2022 12:15
 Operator : SY/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Quant Time: Mar 31 04:29:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78111	48.744	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.722	113	83115	48.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.360%		
50) Toluene-d8	10.179	98	308798	48.006	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.483	95	107623	47.423	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28091	19.510	ug/l	99
3) Chloromethane	2.119	50	34192	19.502	ug/l	94
4) Vinyl Chloride	2.260	62	43210	18.523	ug/l	98
5) Bromomethane	2.650	94	39764	20.799	ug/l	100
6) Chloroethane	2.796	64	28600	18.638	ug/l	94
7) Trichlorofluoromethane	3.131	101	55862	18.930	ug/l	96
8) Diethyl Ether	3.534	74	18252	19.099	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.906	101	34511	18.853	ug/l	91
10) Methyl Iodide	4.095	142	32677	16.462	ug/l	89
11) Tert butyl alcohol	4.960	59	14539	87.447	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	32386	19.111	ug/l #	78
13) Acrolein	3.741	56	12002	88.690	ug/l	100
14) Allyl chloride	4.485	41	42839	19.214	ug/l #	89
15) Acrylonitrile	5.174	53	42938	94.329	ug/l	96
16) Acetone	3.954	43	33383	91.142	ug/l #	84
17) Carbon Disulfide	4.204	76	96788	20.157	ug/l	99
18) Methyl Acetate	4.485	43	19295	14.942	ug/l #	84
19) Methyl tert-butyl Ether	5.235	73	90819	18.858	ug/l	93
20) Methylene Chloride	4.723	84	40636	18.879	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	38115	19.425	ug/l	84
22) Diisopropyl ether	6.125	45	92513	19.286	ug/l #	91
23) Vinyl Acetate	6.064	43	299949	100.916	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	61944	19.506	ug/l	99
25) 2-Butanone	6.990	43	51522	92.434	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	56722	18.861	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	43349	19.060	ug/l	81
28) Bromochloromethane	7.338	49	21806	21.213	ug/l #	72
29) Tetrahydrofuran	7.350	42	34450	95.067	ug/l #	73
30) Chloroform	7.509	83	66002	19.194	ug/l	100
31) Cyclohexane	7.789	56	55236	18.441	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	60767	19.126	ug/l	95
36) 1,1-Dichloropropene	7.923	75	51329	19.139	ug/l	96
37) Ethyl Acetate	7.076	43	24296	19.392	ug/l #	92
38) Carbon Tetrachloride	7.905	117	53376	18.262	ug/l	97
39) Methylcyclohexane	9.185	83	64038	17.690	ug/l	86
40) Benzene	8.167	78	145804	19.006	ug/l	95

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41) Methacrylonitrile	7.314	41	12416m	19.736	ug/l	
42) 1,2-Dichloroethane	8.240	62	39994	18.584	ug/l	89
43) Isopropyl Acetate	8.277	43	45377	18.450	ug/l #	84
44) Trichloroethene	8.941	130	41537	18.724	ug/l	95
45) 1,2-Dichloropropane	9.222	63	34572	19.121	ug/l	97
46) Dibromomethane	9.307	93	22355	18.804	ug/l	94
47) Bromodichloromethane	9.496	83	50371	18.529	ug/l	99
48) Methyl methacrylate	9.295	41	18910	17.359	ug/l #	74
49) 1,4-Dioxane	9.301	88	5651	357.570	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	115138	92.817	ug/l #	84
52) Toluene	10.246	92	97089	19.298	ug/l	95
53) t-1,3-Dichloropropene	10.472	75	51358	18.431	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	59236	18.779	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	31017	18.895	ug/l	96
56) Ethyl methacrylate	10.514	69	39693	18.537	ug/l #	75
57) 1,3-Dichloropropane	10.795	76	50287	18.717	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	78991	89.034	ug/l #	88
59) 2-Hexanone	10.831	43	80996	93.311	ug/l	79
60) Dibromochloromethane	10.990	129	35442	17.752	ug/l	98
61) 1,2-Dibromoethane	11.087	107	30719	18.789	ug/l	100
64) Tetrachloroethene	10.721	164	34935	18.598	ug/l	98
65) Chlorobenzene	11.520	112	104149	18.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37380	18.376	ug/l	97
67) Ethyl Benzene	11.593	91	182924	18.926	ug/l	97
68) m/p-Xylenes	11.703	106	145509	37.860	ug/l	91
69) o-Xylene	12.032	106	69040	18.762	ug/l	91
70) Styrene	12.044	104	112926	18.746	ug/l	95
71) Bromoform	12.209	173	21599	17.586	ug/l #	100
73) Isopropylbenzene	12.331	105	180247	19.022	ug/l	99
74) N-amyl acetate	12.148	43	40052	19.228	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	35825	19.451	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29061m	20.767	ug/l	
77) Bromobenzene	12.611	156	40349	18.561	ug/l	96
78) n-propylbenzene	12.672	91	215159	19.250	ug/l	98
79) 2-Chlorotoluene	12.758	91	119799	19.322	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	147830	19.044	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	11897	18.968	ug/l #	82
82) 4-Chlorotoluene	12.855	91	122880	19.315	ug/l	97
83) tert-Butylbenzene	13.081	119	133452	19.296	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	145528	19.251	ug/l	98
85) sec-Butylbenzene	13.258	105	192648	18.872	ug/l	100
86) p-Isopropyltoluene	13.373	119	161621	19.024	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	80773	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	80795	18.798	ug/l	98
89) n-Butylbenzene	13.703	91	152104	19.459	ug/l	99
90) Hexachloroethane	13.965	117	30636	18.611	ug/l	78
91) 1,2-Dichlorobenzene	13.745	146	72678	19.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5429	18.469	ug/l	79
93) 1,2,4-Trichlorobenzene	15.013	180	41960	18.463	ug/l	98
94) Hexachlorobutadiene	15.117	225	21612	17.976	ug/l	99
95) Naphthalene	15.239	128	93123	18.537	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	35447	18.026	ug/l	97

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

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