

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006850.D
 Acq On : 22 Nov 2021 13:21
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 04:46:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	104385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	164915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72845	53.246	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.500%			
35) Dibromofluoromethane	7.722	113	50963	50.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.620%			
50) Toluene-d8	10.185	98	210832	50.296	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.483	95	72928	51.606	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20500	20.450	ug/l	98
3) Chloromethane	2.119	50	31304	20.758	ug/l	97
4) Vinyl Chloride	2.253	62	31633	20.660	ug/l	96
5) Bromomethane	2.650	94	20464	25.083	ug/l	92
6) Chloroethane	2.796	64	19186	20.483	ug/l	96
7) Trichlorofluoromethane	3.131	101	40272	20.988	ug/l	94
8) Diethyl Ether	3.534	74	13962	21.848	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	20767	20.378	ug/l	99
10) Methyl Iodide	4.101	142	25425	19.959	ug/l	99
11) Tert butyl alcohol	4.954	59	18520	90.015	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	21077	20.854	ug/l	99
13) Acrolein	3.735	56	14076	489.061	ug/l	99
14) Allyl chloride	4.485	41	46143	20.268	ug/l	99
15) Acrylonitrile	5.174	53	40077	108.728	ug/l	99
16) Acetone	3.954	43	40402	97.199	ug/l	96
17) Carbon Disulfide	4.204	76	69868	19.584	ug/l	99
18) Methyl Acetate	4.479	43	29462	21.896	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	68935	21.638	ug/l	97
20) Methylene Chloride	4.729	84	28968	21.398	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	24184	20.945	ug/l	99
22) Diisopropyl ether	6.131	45	93484	20.812	ug/l	98
23) Vinyl Acetate	6.070	43	282187	104.035	ug/l	99
24) 1,1-Dichloroethane	6.027	63	46929	20.469	ug/l	99
25) 2-Butanone	6.990	43	55808	99.589	ug/l	97
26) 2,2-Dichloropropane	6.990	77	43862	21.171	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	27337	20.963	ug/l	95
28) Bromochloromethane	7.338	49	21603	20.031	ug/l	93
29) Tetrahydrofuran	7.350	42	35796	103.772	ug/l	97
30) Chloroform	7.515	83	47908	21.736	ug/l	98
31) Cyclohexane	7.789	56	46098	19.171	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	43132	21.234	ug/l	99
36) 1,1-Dichloropropene	7.923	75	37145	20.722	ug/l	97
37) Ethyl Acetate	7.076	43	25269	21.084	ug/l	99
38) Carbon Tetrachloride	7.905	117	39774	21.693	ug/l	97
39) Methylcyclohexane	9.185	83	41480	18.974	ug/l	99
40) Benzene	8.161	78	104323	20.673	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	21796m	21.659	ug/l	
42) 1,2-Dichloroethane	8.240	62	37383	22.236	ug/l	100
43) Isopropyl Acetate	8.277	43	46026	20.473	ug/l	99
44) Trichloroethene	8.941	130	25406	20.695	ug/l	99
45) 1,2-Dichloropropane	9.222	63	26228	20.145	ug/l	98
46) Dibromomethane	9.307	93	14309	21.101	ug/l	96
47) Bromodichloromethane	9.502	83	36949	21.456	ug/l	98
48) Methyl methacrylate	9.295	41	21141	19.848	ug/l	98
49) 1,4-Dioxane	9.307	88	3483	447.629	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	124584	105.205	ug/l	99
52) Toluene	10.246	92	64196	20.950	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	39920	21.326	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	42797	20.386	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	19457	21.493	ug/l	95
56) Ethyl methacrylate	10.514	69	29486	20.954	ug/l	98
57) 1,3-Dichloropropane	10.795	76	35767	21.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	72889	94.610	ug/l	100
59) 2-Hexanone	10.831	43	78152	105.185	ug/l	98
60) Dibromochloromethane	10.984	129	25065	22.587	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19000	22.653	ug/l	98
64) Tetrachloroethene	10.721	164	23058	20.912	ug/l	97
65) Chlorobenzene	11.520	112	63965	20.836	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	24895	21.685	ug/l	99
67) Ethyl Benzene	11.593	91	112959	19.412	ug/l	96
68) m/p-Xylenes	11.703	106	92314	41.627	ug/l	93
69) o-Xylene	12.032	106	45611	21.711	ug/l	96
70) Styrene	12.044	104	79736	22.473	ug/l	97
71) Bromoform	12.209	173	17643	25.390	ug/l #	100
73) Isopropylbenzene	12.331	105	123786	21.032	ug/l	100
74) N-amyl acetate	12.142	43	32949	17.631	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	23394	21.483	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	16122m	19.187	ug/l	
77) Bromobenzene	12.611	156	27822	20.757	ug/l	97
78) n-propylbenzene	12.672	91	147944	20.620	ug/l	99
79) 2-Chlorotoluene	12.758	91	81818	20.838	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	100565	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8533	20.122	ug/l	98
82) 4-Chlorotoluene	12.855	91	85524	20.837	ug/l	100
83) tert-Butylbenzene	13.075	119	83892	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	100254	20.817	ug/l	98
85) sec-Butylbenzene	13.258	105	128418	20.583	ug/l	100
86) p-Isopropyltoluene	13.367	119	105760	20.024	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	54708	20.495	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	53696	20.384	ug/l	97
89) n-Butylbenzene	13.697	91	101879	20.442	ug/l	99
90) Hexachloroethane	13.965	117	19349	20.328	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	47939	20.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3933	20.432	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	29020	19.282	ug/l	100
94) Hexachlorobutadiene	15.111	225	19796	20.158	ug/l	98
95) Naphthalene	15.239	128	54168	19.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	24514	19.547	ug/l	99

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

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