

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006849.D
 Acq On : 22 Nov 2021 12:58
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Quant Time: Nov 23 04:46:36 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	104980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164479	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	161531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67742	49.235	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.722	113	47764	47.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.560%		
50) Toluene-d8	10.185	98	203756	48.737	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.483	95	69755	49.492	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21289	21.117	ug/l	97
3) Chloromethane	2.119	50	32694	21.556	ug/l	99
4) Vinyl Chloride	2.259	62	32321	20.990	ug/l	99
5) Bromomethane	2.643	94	20708	25.239	ug/l	99
6) Chloroethane	2.802	64	18129	19.245	ug/l	90
7) Trichlorofluoromethane	3.131	101	41873	21.698	ug/l	98
8) Diethyl Ether	3.533	74	13437	20.907	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	21178	20.664	ug/l	99
10) Methyl Iodide	4.094	142	24058	18.779	ug/l	98
11) Tert butyl alcohol	4.960	59	16632	80.380	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	21332	20.986	ug/l	98
13) Acrolein	3.735	56	13699	473.265	ug/l	97
14) Allyl chloride	4.484	41	47422	20.712	ug/l	98
15) Acrylonitrile	5.167	53	39133	105.565	ug/l	98
16) Acetone	3.954	43	39133	93.612	ug/l	99
17) Carbon Disulfide	4.198	76	72785	20.286	ug/l	100
18) Methyl Acetate	4.484	43	29184	21.566	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	68185	21.281	ug/l	99
20) Methylene Chloride	4.722	84	28961	21.250	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	24903	21.445	ug/l	95
22) Diisopropyl ether	6.124	45	94122	20.835	ug/l	99
23) Vinyl Acetate	6.063	43	278431	102.068	ug/l	99
24) 1,1-Dichloroethane	6.027	63	47846	20.750	ug/l	100
25) 2-Butanone	6.990	43	54702	97.354	ug/l	95
26) 2,2-Dichloropropane	6.984	77	44890	21.545	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	27913	21.283	ug/l	97
28) Bromochloromethane	7.338	49	21851	20.146	ug/l	93
29) Tetrahydrofuran	7.356	42	35567	102.524	ug/l	96
30) Chloroform	7.508	83	47776	21.553	ug/l	100
31) Cyclohexane	7.789	56	47884	19.801	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	43914	21.496	ug/l	99
36) 1,1-Dichloropropene	7.923	75	37158	20.784	ug/l	98
37) Ethyl Acetate	7.075	43	24435	20.442	ug/l	99
38) Carbon Tetrachloride	7.905	117	39160	21.415	ug/l	97
39) Methylcyclohexane	9.185	83	42874	19.663	ug/l	94
40) Benzene	8.167	78	105256	20.914	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	20983m	20.907	ug/l	
42) 1,2-Dichloroethane	8.240	62	37089	22.120	ug/l	99
43) Isopropyl Acetate	8.276	43	45400	20.248	ug/l	99
44) Trichloroethene	8.941	130	25995	21.231	ug/l	99
45) 1,2-Dichloropropane	9.221	63	26625	20.504	ug/l	100
46) Dibromomethane	9.307	93	14783	21.858	ug/l	94
47) Bromodichloromethane	9.502	83	36534	21.271	ug/l	96
48) Methyl methacrylate	9.295	41	20660	19.448	ug/l	97
49) 1,4-Dioxane	9.301	88	3631	467.886	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	120544	102.063	ug/l	98
52) Toluene	10.246	92	64696	21.169	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39388	21.098	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	43703	20.873	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	19550	21.653	ug/l	97
56) Ethyl methacrylate	10.514	69	29267	20.854	ug/l	98
57) 1,3-Dichloropropane	10.794	76	36485	22.145	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	70912	92.288	ug/l	100
59) 2-Hexanone	10.837	43	85925	113.515	ug/l	98
60) Dibromochloromethane	10.989	129	23867	21.565	ug/l	97
61) 1,2-Dibromoethane	11.093	107	17858	21.348	ug/l	96
64) Tetrachloroethene	10.721	164	23902	20.249	ug/l	98
65) Chlorobenzene	11.520	112	69575	21.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	26292	21.393	ug/l	98
67) Ethyl Benzene	11.599	91	129937	20.859	ug/l	98
68) m/p-Xylenes	11.709	106	99382	41.863	ug/l	98
69) o-Xylene	12.032	106	46798	20.809	ug/l	95
70) Styrene	12.044	104	79294	20.877	ug/l	96
71) Bromoform	12.209	173	16986	22.835	ug/l #	99
73) Isopropylbenzene	12.331	105	114715	17.554	ug/l	99
74) N-amyl acetate	12.148	43	30757	15.325	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	21021	17.385	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	16023m	17.173	ug/l	
77) Bromobenzene	12.611	156	30998	20.827	ug/l	88
78) n-propylbenzene	12.672	91	151992	19.078	ug/l	98
79) 2-Chlorotoluene	12.757	91	83479	19.148	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	107078	19.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	7102	15.083	ug/l	96
82) 4-Chlorotoluene	12.855	91	89249	19.584	ug/l	98
83) tert-Butylbenzene	13.074	119	90323	19.416	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	101341	18.951	ug/l	98
85) sec-Butylbenzene	13.257	105	136970	19.771	ug/l	97
86) p-Isopropyltoluene	13.373	119	116795	19.915	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	61854	20.868	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	60651	20.736	ug/l	99
89) n-Butylbenzene	13.702	91	104807	18.939	ug/l	99
90) Hexachloroethane	13.964	117	19890	18.819	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	48967	19.169	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4206	19.678	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	29800	17.832	ug/l	98
94) Hexachlorobutadiene	15.117	225	20334	18.648	ug/l	100
95) Naphthalene	15.239	128	55072	17.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25606	18.388	ug/l	98

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

