

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017353.D
 Acq On : 12 Feb 2024 15:10
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS01

Quant Time: Feb 12 15:27:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/13/2024
 Supervised By :Mahesh Dadoda 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	48798	49.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.722	113	50025	49.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.880%		
50) Toluene-d8	10.185	98	184828	50.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.483	95	60183	49.872	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16379	19.762	ug/l	91
3) Chloromethane	2.113	50	32888	22.089	ug/l	99
4) Vinyl Chloride	2.253	62	40031	22.063	ug/l	99
5) Bromomethane	2.650	94	29354	23.339	ug/l	93
6) Chloroethane	2.796	64	26203	22.367	ug/l	97
7) Trichlorofluoromethane	3.125	101	42445	22.750	ug/l	95
8) Diethyl Ether	3.534	74	12912	22.002	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	25775	22.790	ug/l	99
10) Methyl Iodide	4.095	142	20931	17.604	ug/l	99
11) Tert butyl alcohol	4.972	59	9062	100.366	ug/l	98
12) 1,1-Dichloroethene	3.881	96	21911	20.676	ug/l	97
13) Acrolein	3.735	56	7357	83.090	ug/l	96
14) Allyl chloride	4.485	41	35404	22.099	ug/l	99
15) Acrylonitrile	5.168	53	29579	111.944	ug/l	99
16) Acetone	3.954	43	36121	125.831	ug/l	93
17) Carbon Disulfide	4.198	76	50462	14.917	ug/l	98
18) Methyl Acetate	4.485	43	12164	18.995	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	58901	23.078	ug/l	98
20) Methylene Chloride	4.723	84	30212	23.866	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	24875	20.633	ug/l	95
22) Diisopropyl ether	6.131	45	83852	23.833	ug/l	96
23) Vinyl Acetate	6.070	43	245430	115.129	ug/l	98
24) 1,1-Dichloroethane	6.021	63	48896	22.687	ug/l	96
25) 2-Butanone	6.996	43	46185	121.027	ug/l	97
26) 2,2-Dichloropropane	6.984	77	41999	23.428	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	30499	22.619	ug/l	99
28) Bromochloromethane	7.344	49	18111	21.946	ug/l	97
29) Tetrahydrofuran	7.356	42	23743	110.141	ug/l	99
30) Chloroform	7.515	83	51707	23.849	ug/l	97
31) Cyclohexane	7.795	56	37760	19.181	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	43484	23.317	ug/l	99
36) 1,1-Dichloropropene	7.923	75	36033	20.646	ug/l	99
37) Ethyl Acetate	7.088	43	17245	21.304	ug/l	98
38) Carbon Tetrachloride	7.911	117	36859	22.058	ug/l	96
39) Methylcyclohexane	9.191	83	38943	19.100	ug/l	95
40) Benzene	8.167	78	109060	21.882	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7051	18.385	ug/l #	74
42) 1,2-Dichloroethane	8.240	62	29841	22.614	ug/l	99
43) Isopropyl Acetate	8.283	43	32909	22.966	ug/l	98
44) Trichloroethene	8.947	130	27710	21.903	ug/l	99
45) 1,2-Dichloropropane	9.222	63	27998	22.871	ug/l	100
46) Dibromomethane	9.307	93	14714	22.251	ug/l	96
47) Bromodichloromethane	9.502	83	38730	23.403	ug/l	97
48) Methyl methacrylate	9.301	41	14499	21.572	ug/l	97
49) 1,4-Dioxane	9.307	88	3290	457.091	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	90011	117.184	ug/l	100
52) Toluene	10.246	92	67207	22.340	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	35418	22.784	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	43125	23.161	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21416	23.803	ug/l	98
56) Ethyl methacrylate	10.514	69	24584	22.093	ug/l	98
57) 1,3-Dichloropropane	10.795	76	35490	22.934	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	54934	98.008	ug/l	99
59) 2-Hexanone	10.837	43	68950	124.138	ug/l	99
60) Dibromochloromethane	10.990	129	24425	23.141	ug/l	98
61) 1,2-Dibromoethane	11.093	107	18822	22.494	ug/l	99
64) Tetrachloroethene	10.721	164	23319	22.155	ug/l	99
65) Chlorobenzene	11.520	112	70441	22.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25893	22.790	ug/l	97
67) Ethyl Benzene	11.599	91	127407	22.549	ug/l	99
68) m/p-Xylenes	11.703	106	97908	45.661	ug/l	100
69) o-Xylene	12.032	106	45568	23.077	ug/l	99
70) Styrene	12.050	104	76134	23.401	ug/l	99
71) Bromoform	12.215	173	13699	23.023	ug/l #	97
73) Isopropylbenzene	12.331	105	123443	22.488	ug/l	100
74) N-amyl acetate	12.148	43	28195	22.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	24254	22.465	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	15760m	22.852	ug/l	
77) Bromobenzene	12.611	156	26045	21.391	ug/l	96
78) n-propylbenzene	12.672	91	153778	22.810	ug/l	100
79) 2-Chlorotoluene	12.758	91	84830	22.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	101745	23.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7221	21.756	ug/l	96
82) 4-Chlorotoluene	12.855	91	88626	23.233	ug/l	98
83) tert-Butylbenzene	13.075	119	88764	23.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	98289	22.809	ug/l	99
85) sec-Butylbenzene	13.258	105	137469	23.504	ug/l	100
86) p-Isopropyltoluene	13.373	119	108285	23.168	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54785	22.555	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	54982	23.299	ug/l	99
89) n-Butylbenzene	13.697	91	105884	23.827	ug/l	98
90) Hexachloroethane	13.965	117	22242	23.181	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	47484	22.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3268	23.238	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	24614	23.964	ug/l	99
94) Hexachlorobutadiene	15.117	225	14484	23.943	ug/l	98
95) Naphthalene	15.239	128	43979	23.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	21157	24.220	ug/l	97

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

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