

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016197.D
 Acq On : 02 Nov 2023 17:55
 Operator : SY/MD
 Sample : 05220-05MS
 Misc : 2.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-7(0-5)MS

Quant Time: Nov 03 03:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/03/2023
 Supervised By :Semsettin Yesilyurt 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	150239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	61726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59826	42.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.120%		
35) Dibromofluoromethane	7.734	113	66193	47.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.460%		
50) Toluene-d8	10.191	98	277978	50.551	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.489	95	73006	38.826	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	51319	53.549	ug/l	97
3) Chloromethane	2.119	50	67147	50.605	ug/l	99
4) Vinyl Chloride	2.253	62	72920	53.246	ug/l	97
5) Bromomethane	2.662	94	46266	50.059	ug/l	100
6) Chloroethane	2.802	64	50735	52.621	ug/l	97
7) Trichlorofluoromethane	3.137	101	114526	55.393	ug/l	100
8) Diethyl Ether	3.540	74	31957	46.636	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	69276	53.187	ug/l	97
10) Methyl Iodide	4.101	142	71007	49.026	ug/l	98
11) Tert butyl alcohol	4.966	59	16327	155.441	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	58193	48.951	ug/l	89
14) Allyl chloride	4.491	41	86332	50.771	ug/l #	95
15) Acrylonitrile	5.174	53	53776	183.653	ug/l	98
16) Acetone	3.954	43	48355	212.620	ug/l	95
17) Carbon Disulfide	4.210	76	123296	41.542	ug/l	98
18) Methyl Acetate	4.491	43	43365	38.357	ug/l #	89
19) Methyl tert-butyl Ether	5.235	73	154678	45.742	ug/l	97
20) Methylene Chloride	4.735	84	79031	55.613	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	61984	44.762	ug/l	93
22) Diisopropyl ether	6.131	45	224755	54.647	ug/l #	87
23) Vinyl Acetate	6.076	43	403051	199.594	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	135779	55.161	ug/l	97
25) 2-Butanone	6.996	43	69438	179.030	ug/l	93
26) 2,2-Dichloropropane	6.996	77	129119	55.490	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	79016	48.487	ug/l	94
28) Bromochloromethane	7.350	49	1171	1.271	ug/l #	75
29) Tetrahydrofuran	7.362	42	44647	183.634	ug/l	90
30) Chloroform	7.521	83	142337	53.113	ug/l	96
31) Cyclohexane	7.801	56	103635	47.955	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	134886	54.883	ug/l	98
36) 1,1-Dichloropropene	7.929	75	91613	45.744	ug/l	99
37) Ethyl Acetate	7.088	43	33260	37.286	ug/l #	94
38) Carbon Tetrachloride	7.917	117	114806	57.861	ug/l	98
39) Methylcyclohexane	9.197	83	103356	43.234	ug/l	92
40) Benzene	8.173	78	306766	53.354	ug/l	98
41) Methacrylonitrile	7.320	41	19791	38.223	ug/l #	88

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42) 1,2-Dichloroethane	8.246	62	71303	44.438	ug/l	94
43) Isopropyl Acetate	8.283	43	72357	41.008	ug/l #	91
44) Trichloroethene	8.953	130	76280	45.335	ug/l	96
45) 1,2-Dichloropropane	9.228	63	74636	53.961	ug/l	99
46) Dibromomethane	9.319	93	30855	39.325	ug/l	98
47) Bromodichloromethane	9.508	83	101080	50.704	ug/l	98
48) Methyl methacrylate	9.307	41	30867	38.471	ug/l #	87
49) 1,4-Dioxane	9.307	88	6137	612.480	ug/l #	58
51) 4-Methyl-2-Pentanone	10.081	43	170887	194.100	ug/l	92
52) Toluene	10.252	92	192146	51.572	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	75291	37.833	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	99871	42.767	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	48949	44.350	ug/l	94
56) Ethyl methacrylate	10.520	69	60760	42.390	ug/l	87
57) 1,3-Dichloropropane	10.801	76	79514	42.319	ug/l	98
59) 2-Hexanone	10.843	43	113647	188.373	ug/l	89
60) Dibromochloromethane	10.996	129	61015	44.065	ug/l	98
61) 1,2-Dibromoethane	11.099	107	39702	37.819	ug/l	99
64) Tetrachloroethene	10.734	164	77680	49.982	ug/l	98
65) Chlorobenzene	11.526	112	182434	52.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	77716	60.444	ug/l	99
67) Ethyl Benzene	11.605	91	346899	55.871	ug/l	97
68) m/p-Xylenes	11.709	106	266865	111.229	ug/l	95
69) o-Xylene	12.038	106	132659	57.911	ug/l	97
70) Styrene	12.057	104	191144	50.193	ug/l	98
71) Bromoform	12.215	173	32737	45.896	ug/l #	99
73) Isopropylbenzene	12.337	105	344788	74.465	ug/l	99
74) N-amyl acetate	12.154	43	59960	59.592	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	45775	62.128	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	30208m	51.968	ug/l	
77) Bromobenzene	12.617	156	64323	61.351	ug/l	93
78) n-propylbenzene	12.678	91	356779	65.175	ug/l	99
79) 2-Chlorotoluene	12.764	91	213163	69.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	262318	69.928	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	13929	51.957	ug/l	92
82) 4-Chlorotoluene	12.861	91	185045	59.022	ug/l	99
83) tert-Butylbenzene	13.081	119	234823	69.961	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	252807	68.108	ug/l	98
85) sec-Butylbenzene	13.264	105	300671	61.033	ug/l	99
86) p-Isopropyltoluene	13.379	119	246788	60.444	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	110926	53.497	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	216130	105.461	ug/l	99
89) n-Butylbenzene	13.703	91	179611	47.876	ug/l	97
90) Hexachloroethane	13.971	117	44919	63.841	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	102815	57.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6713	50.910	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	37320	33.750	ug/l	96
94) Hexachlorobutadiene	15.117	225	15943	26.385	ug/l	97
95) Naphthalene	15.245	128	95794	44.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32068	33.949	ug/l	97

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