

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111124\
 Data File : VW030985.D
 Acq On : 11 Nov 2024 12:22
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 12 00:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 12 00:19:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379403	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126374	18.733	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.920%		
7) Chloroethane-d5	2.899	69	104749	20.245	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.000%		
11) 1,1-Dichloroethene-d2	4.021	65	59073	21.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.880%		
21) 2-Butanone-d5	7.075	46	62167	55.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.000%		
24) Chloroform-d	7.648	84	301231	24.841	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.360%		
26) 1,2-Dichloroethane-d4	8.301	65	153396	25.442	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.760%		
32) Benzene-d6	8.276	84	586961	24.903	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.600%		
36) 1,2-Dichloropropane-d6	9.270	67	178517	25.692	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.760%		
41) Toluene-d8	10.319	98	531354	25.133	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.520%		
43) trans-1,3-Dichloroprop...	10.575	79	67048	23.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.240%		
47) 2-Hexanone-d5	10.922	63	50819	56.433	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.860%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136057	28.105	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.440%		
66) 1,2-Dichlorobenzene-d4	13.849	152	179841	27.447	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	109.800%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.009	85	4854m	1.108	ug/L	
3) Chloromethane	2.216	50	6139	1.040	ug/L	100
5) Vinyl chloride	2.375	62	7872	1.125	ug/L #	64
6) Bromomethane	2.790	94	4879	1.062	ug/L	96
8) Chloroethane	2.936	64	4745	1.119	ug/L	87
9) Trichlorofluoromethane	3.265	101	6985m	1.094	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	9173m	1.560	ug/L	
12) 1,1-Dichloroethene	4.039	96	8027	1.510	ug/L #	1
14) Carbon disulfide	4.387	76	20724	1.186	ug/L #	95
15) Methyl Acetate	4.686	43	2336m	1.175	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	6807	1.167	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	8107	1.030	ug/L #	83
19) 1,1-Dichloroethane	6.216	63	13231	1.216	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	6948	1.123	ug/L	97
22) 2-Butanone	7.185	43	4590m	3.023	ug/L	
23) Bromochloromethane	7.514	128	3646	1.345	ug/L	88
25) Chloroform	7.673	83	14715	1.285	ug/L	93
27) 1,2-Dichloroethane	8.398	62	8644	1.212	ug/L #	92
29) Cyclohexane	7.959	56	8226	0.905	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	11409	1.171	ug/L	98
31) Carbon tetrachloride	8.063	117	9787	1.118	ug/L	99
33) Benzene	8.319	78	30178	1.234	ug/L	100
34) Trichloroethene	9.093	95	7642	1.133	ug/L	87
35) Methylcyclohexane	9.337	83	11035	1.032	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7713	1.262	ug/L #	97
38) Bromodichloromethane	9.642	83	9321	1.161	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	10495	1.148	ug/L	88
40) 4-Methyl-2-pentanone	10.209	43	5900	2.111	ug/L	98
42) Toluene	10.386	91	31807	1.228	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	8738m	1.150	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	5586	1.273	ug/L	85
46) Tetrachloroethene	10.861	164	6274	1.217	ug/L	90
48) 2-Hexanone	10.965	43	5222m	2.456	ug/L	
49) Dibromochloromethane	11.130	129	5860	1.225	ug/L	97
50) 1,2-Dibromoethane	11.239	107	5127	1.267	ug/L #	90
51) Chlorobenzene	11.654	112	20315	1.226	ug/L	96
52) Ethylbenzene	11.727	91	30583	1.045	ug/L	97
53) m,p-Xylene	11.837	106	11001	1.000	ug/L	92
54) o-Xylene	12.160	106	9395	0.928	ug/L	88
55) Styrene	12.178	104	15622	0.903	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.709	83	6679	1.395	ug/L #	90
59) Bromoform	12.349	173	3199	1.245	ug/L #	96
60) Isopropylbenzene	12.459	105	24734	0.901	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4528	1.343	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	17806	0.824	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	17332	0.824	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	13980	1.160	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	15665	1.266	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	14844	1.382	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	930m	1.303	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	9964	1.246	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	7029	1.107	ug/L	100
71) Naphthalene	15.360	128	9653	0.938	ug/L	96
72) 1,2,3-Trichlorobenzene	15.543	180	5815	1.063	ug/L	95

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

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