

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031524.D
 Acq On : 26 Dec 2024 13:17
 Operator : SY/MD
 Sample : MDL4
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	505870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	162015	21.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.160%		
7) Chloroethane-d5	2.899	69	136743	24.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.160%		
11) 1,1-Dichloroethene-d2	4.015	65	71445	19.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.160%		
21) 2-Butanone-d5	7.100	46	76700	53.509	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.020%		
24) Chloroform-d	7.648	84	321948	23.228	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.920%		
26) 1,2-Dichloroethane-d4	8.307	65	176313	25.329	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.320%		
32) Benzene-d6	8.276	84	634294	22.443	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.760%		
36) 1,2-Dichloropropane-d6	9.270	67	196518	23.859	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.440%		
41) Toluene-d8	10.319	98	578723	22.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.040%		
43) trans-1,3-Dichloroprop...	10.575	79	74848	19.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.840%		
47) 2-Hexanone-d5	10.922	63	59117	53.369	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.740%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147301	28.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.920%		
66) 1,2-Dichlorobenzene-d4	13.849	152	199951	25.259	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	3841m	0.840	ug/L	
3) Chloromethane	2.217	50	6114m	1.190	ug/L	
5) Vinyl chloride	2.369	62	9087m	1.277	ug/L	
6) Bromomethane	2.790	94	5207	1.190	ug/L	93
8) Chloroethane	2.930	64	5839m	1.379	ug/L	
9) Trichlorofluoromethane	3.265	101	8415	1.110	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9229m	1.507	ug/L	
12) 1,1-Dichloroethene	4.039	96	8440	1.361	ug/L #	1
14) Carbon disulfide	4.387	76	16948	0.838	ug/L #	95
15) Methyl Acetate	4.698	43	4220m	1.861	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	6978	1.044	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	11859	1.061	ug/L #	68
19) 1,1-Dichloroethane	6.228	63	12952	1.037	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	8021	1.109	ug/L	93
22) 2-Butanone	7.191	43	7647m	3.162	ug/L	
23) Bromochloromethane	7.514	128	3048	1.057	ug/L	93
25) Chloroform	7.673	83	19673	1.596	ug/L	100
27) 1,2-Dichloroethane	8.404	62	8900	1.148	ug/L	97
29) Cyclohexane	7.953	56	12241	1.024	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	11514	1.010	ug/L	97
31) Carbon tetrachloride	8.069	117	9682	0.954	ug/L	98
33) Benzene	8.325	78	30597	1.123	ug/L	100
34) Trichloroethene	9.093	95	8313	1.081	ug/L	85
35) Methylcyclohexane	9.337	83	13299	0.993	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7352	1.082	ug/L #	95
38) Bromodichloromethane	9.642	83	8292	0.938	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	10413	0.907	ug/L	94
40) 4-Methyl-2-pentanone	10.215	43	8604	2.386	ug/L	100
42) Toluene	10.386	91	30481	1.027	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	11974	1.277	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	5107	1.129	ug/L	91
46) Tetrachloroethene	10.867	164	6337	1.125	ug/L #	69
48) 2-Hexanone	10.971	43	4229	1.379	ug/L #	80
49) Dibromochloromethane	11.123	129	5162	0.963	ug/L	97
50) 1,2-Dibromoethane	11.239	107	4622	1.079	ug/L #	98
51) Chlorobenzene	11.654	112	19959	1.073	ug/L	95
52) Ethylbenzene	11.727	91	36452	1.060	ug/L	95
53) m,p-Xylene	11.837	106	13764	1.052	ug/L	95
54) o-Xylene	12.160	106	12507	1.014	ug/L	97
55) Styrene	12.178	104	19543	0.952	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	6552	1.344	ug/L #	75
59) Bromoform	12.349	173	2642	0.882	ug/L #	95
60) Isopropylbenzene	12.459	105	34149	0.979	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	4224	1.158	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	28581	0.966	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	26614	0.931	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	14942	1.057	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	15630	1.116	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	13817	1.134	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	1014	1.095	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	10820	1.093	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	9217	1.119	ug/L	95
71) Naphthalene	15.360	128	14549	1.008	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	7725	1.164	ug/L	96

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

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