

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031379.D
 Acq On : 19 Dec 2024 12:56
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/20/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 20 01:29:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	646101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575366	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	278793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	177190	18.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.920%		
7) Chloroethane-d5	2.893	69	145063	20.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.680%		
11) 1,1-Dichloroethene-d2	4.015	65	82328	17.854	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.400%		
21) 2-Butanone-d5	7.093	46	92353	50.445	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.880%		
24) Chloroform-d	7.642	84	363782	20.550	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.200%		
26) 1,2-Dichloroethane-d4	8.307	65	206600	23.238	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.960%		
32) Benzene-d6	8.270	84	732160	19.854	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.400%		
36) 1,2-Dichloropropane-d6	9.270	67	218435	20.324	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.280%		
41) Toluene-d8	10.318	98	675291	19.684	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.720%		
43) trans-1,3-Dichloroprop...	10.575	79	92310	18.627	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.520%		
47) 2-Hexanone-d5	10.922	63	71749	49.640	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.280%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170102	25.207	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.840%		
66) 1,2-Dichlorobenzene-d4	13.848	152	229417	22.166	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.003	85	6095	1.044	ug/L	89
3) Chloromethane	2.210	50	8698	1.326	ug/L	100
5) Vinyl chloride	2.363	62	13141m	1.446	ug/L	
6) Bromomethane	2.789	94	7277	1.302	ug/L	91
8) Chloroethane	2.936	64	7476m	1.383	ug/L	
9) Trichlorofluoromethane	3.253	101	9519	0.983	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	12334m	1.577	ug/L	
12) 1,1-Dichloroethene	4.033	96	11077	1.398	ug/L #	1
14) Carbon disulfide	4.381	76	24746	0.958	ug/L	98
15) Methyl Acetate	4.698	43	7748m	2.676	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	10525	1.233	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	19003	1.331	ug/L	98
19) 1,1-Dichloroethane	6.216	63	18995	1.191	ug/L #	92
20) cis-1,2-Dichloroethene	7.173	96	11488	1.244	ug/L	93
22) 2-Butanone	7.179	43	12568m	4.068	ug/L	
23) Bromochloromethane	7.508	128	4938	1.340	ug/L #	78
25) Chloroform	7.673	83	34583	2.196	ug/L	98
27) 1,2-Dichloroethane	8.404	62	14144	1.429	ug/L	97
29) Cyclohexane	7.953	56	16187	1.037	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	16143	1.086	ug/L	98
31) Carbon tetrachloride	8.069	117	14079	1.063	ug/L	97
33) Benzene	8.319	78	42931	1.207	ug/L	100
34) Trichloroethene	9.093	95	11925	1.188	ug/L	96
35) Methylcyclohexane	9.331	83	19361	1.107	ug/L	99
37) 1,2-Dichloropropane	9.367	63	11155	1.258	ug/L	99
38) Bromodichloromethane	9.642	83	12702	1.102	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	16103	1.074	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	16644	3.537	ug/L	97
42) Toluene	10.386	91	47649	1.231	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	18327	1.497	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	8025	1.360	ug/L	97
46) Tetrachloroethene	10.855	164	8255	1.123	ug/L	99
48) 2-Hexanone	10.971	43	8227	2.056	ug/L #	91
49) Dibromochloromethane	11.123	129	7877	1.126	ug/L	88
50) 1,2-Dibromoethane	11.233	107	7714	1.380	ug/L #	98
51) Chlorobenzene	11.654	112	29324	1.208	ug/L	99
52) Ethylbenzene	11.727	91	54558	1.216	ug/L	97
53) m,p-Xylene	11.836	106	20009	1.171	ug/L	92
54) o-Xylene	12.160	106	19427	1.207	ug/L	98
55) Styrene	12.178	104	32197	1.202	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	9659	1.519	ug/L #	95
59) Bromoform	12.349	173	4003	1.022	ug/L #	97
60) Isopropylbenzene	12.458	105	51682	1.133	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	7094	1.487	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	42896	1.109	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	41707	1.116	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	22109	1.196	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	22421	1.224	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	20859	1.310	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	1742	1.439	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	15728	1.215	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	12935	1.201	ug/L	100
71) Naphthalene	15.360	128	25615	1.357	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	11914	1.373	ug/L	98

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

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