

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080924\
 Data File : VW029869.D
 Acq On : 09 Aug 2024 11:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/12/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 09 23:07:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	195775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	190638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43782	15.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.000%		
7) Chloroethane-d5	2.899	69	44194	22.272	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.080%		
11) 1,1-Dichloroethene-d2	4.021	65	21811	17.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.760%		
21) 2-Butanone-d5	7.081	46	31323	41.118	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.240%		
24) Chloroform-d	7.648	84	135863	26.808	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.240%		
26) 1,2-Dichloroethane-d4	8.301	65	71810	24.877	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.520%		
32) Benzene-d6	8.276	84	233627	22.681	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.720%		
36) 1,2-Dichloropropane-d6	9.270	67	73588	22.374	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.480%		
41) Toluene-d8	10.319	98	211100	23.049	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.200%		
43) trans-1,3-Dichloroprop...	10.575	79	28615	21.501	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.000%		
47) 2-Hexanone-d5	10.922	63	24642	45.437	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.880%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66120	27.074	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.280%		
66) 1,2-Dichlorobenzene-d4	13.849	152	73195	26.161	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	63952	24.234	ug/L	95
3) Chloromethane	2.223	50	71792	21.985	ug/L	97
5) Vinyl chloride	2.375	62	89075	24.345	ug/L	96
6) Bromomethane	2.790	94	59950	29.838	ug/L	97
8) Chloroethane	2.930	64	58688	28.195	ug/L	96
9) Trichlorofluoromethane	3.265	101	74027	25.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	77880m	26.755	ug/L	
12) 1,1-Dichloroethene	4.045	96	67875	25.378	ug/L	85
13) Acetone	4.131	43	28636	30.248	ug/L	94
14) Carbon disulfide	4.387	76	204118	22.933	ug/L	97
15) Methyl Acetate	4.673	43	29926	18.978	ug/L #	90
16) Methylene chloride	4.917	84	87977	21.496	ug/L	84
17) trans-1,2-Dichloroethene	5.423	96	76089	26.400	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	117604	24.758	ug/L	98
19) 1,1-Dichloroethane	6.216	63	146038	24.025	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	85053	27.205	ug/L	93
22) 2-Butanone	7.173	43	40601	33.471	ug/L	87
23) Bromochloromethane	7.514	128	36514	27.511	ug/L	85
25) Chloroform	7.673	83	159525	27.855	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106796	25.588	ug/L	99
29) Cyclohexane	7.959	56	108403	20.009	ug/L	92
30) 1,1,1-Trichloroethane	7.868	97	124110	25.708	ug/L	97
31) Carbon tetrachloride	8.069	117	109228	25.109	ug/L	97
33) Benzene	8.325	78	320017	24.500	ug/L	100
34) Trichloroethene	9.087	95	86189	25.171	ug/L	94
35) Methylcyclohexane	9.337	83	128778	22.570	ug/L	95
37) 1,2-Dichloropropane	9.368	63	83959	23.456	ug/L	99
38) Bromodichloromethane	9.642	83	113405	26.605	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	123746	23.738	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	86786	38.171	ug/L #	92
42) Toluene	10.386	91	346907	26.019	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	105011	24.266	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	62936	26.172	ug/L	98
46) Tetrachloroethene	10.861	164	60450	24.289	ug/L	87
48) 2-Hexanone	10.965	43	61856	36.325	ug/L #	92
49) Dibromochloromethane	11.130	129	67397	26.998	ug/L	100
50) 1,2-Dibromoethane	11.233	107	56833	25.543	ug/L	94
51) Chlorobenzene	11.654	112	215687	26.007	ug/L	95
52) Ethylbenzene	11.727	91	390415	25.959	ug/L	95
53) m,p-Xylene	11.837	106	144501	26.125	ug/L	99
54) o-Xylene	12.160	106	137449	26.985	ug/L	97
55) Styrene	12.178	104	242504	27.467	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	75537	25.593	ug/L	97
59) Bromoform	12.343	173	39195	28.908	ug/L	98
60) Isopropylbenzene	12.459	105	379315	27.204	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	52493	23.952	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	314053	30.302	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	307649	27.756	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	165910	27.888	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	163310	26.725	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	147195	27.177	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11538	23.187	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.617	180	106505	26.167	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	92228	26.896	ug/L	87
71) Naphthalene	15.360	128	173031	26.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	81515	26.264	ug/L	100

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

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