

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
 Data File : VW029672.D
 Acq On : 22 Jul 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/23/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 22 12:02:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 23:16:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	242286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	225425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	66216	16.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
7) Chloroethane-d5	2.893	69	57279	20.324	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
11) 1,1-Dichloroethene-d2	4.021	65	33917	19.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.200%
21) 2-Butanone-d5	7.075	46	45315	38.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.140%
24) Chloroform-d	7.648	84	164613	23.502	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	8.301	65	93395	22.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.276	84	301380	22.317	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.270	67	98261	22.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.040%
41) Toluene-d8	10.319	98	265238	22.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.575	79	38087	20.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.320%
47) 2-Hexanone-d5	10.922	63	31709	40.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77218	22.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	83883	21.745	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	44671m	18.829	ug/L	
3) Chloromethane	2.216	50	58191	18.332	ug/L	97
5) Vinyl chloride	2.369	62	78971	21.800	ug/L	94
6) Bromomethane	2.783	94	45642	21.279	ug/L	91
8) Chloroethane	2.930	64	52845	23.708	ug/L	99
9) Trichlorofluoromethane	3.259	101	73374	22.502	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	73822	23.004	ug/L #	72
12) 1,1-Dichloroethene	4.039	96	68457	22.720	ug/L	92
13) Acetone	4.131	43	49065	41.375	ug/L	99
14) Carbon disulfide	4.381	76	195555	19.985	ug/L	100
15) Methyl Acetate	4.673	43	42483	20.404	ug/L	99
16) Methylene chloride	4.911	84	91478	21.089	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	78258	23.462	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	134531	23.705	ug/L	99
19) 1,1-Dichloroethane	6.216	63	177900	25.971	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	89799	24.620	ug/L	90
22) 2-Butanone	7.173	43	61487	39.495	ug/L	99
23) Bromochloromethane	7.514	128	39519	24.088	ug/L	90
25) Chloroform	7.673	83	175367	26.459	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123201	24.783	ug/L	98
29) Cyclohexane	7.953	56	135496	24.139	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	133831	25.998	ug/L	98
31) Carbon tetrachloride	8.069	117	119323	25.310	ug/L	99
33) Benzene	8.325	78	360703	25.574	ug/L	100
34) Trichloroethene	9.087	95	91774	24.640	ug/L	97
35) Methylcyclohexane	9.331	83	152508	25.475	ug/L	98
37) 1,2-Dichloropropane	9.368	63	102899	26.383	ug/L	100
38) Bromodichloromethane	9.642	83	124127	26.056	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	151176	25.807	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	126397	45.984	ug/L	100
42) Toluene	10.386	91	381871	26.466	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	124435	24.784	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	68076	24.270	ug/L	97
46) Tetrachloroethene	10.861	164	64473	24.365	ug/L	95
48) 2-Hexanone	10.965	43	92299	44.696	ug/L	99
49) Dibromochloromethane	11.123	129	73046	25.024	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62152	23.252	ug/L	91
51) Chlorobenzene	11.654	112	235334	25.230	ug/L	97
52) Ethylbenzene	11.727	91	438862	26.846	ug/L	97
53) m,p-Xylene	11.837	106	163354	27.220	ug/L	91
54) o-Xylene	12.166	106	153053	27.574	ug/L	96
55) Styrene	12.178	104	272525	27.922	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	84206	23.799	ug/L #	97
59) Bromoform	12.349	173	39260	22.962	ug/L	98
60) Isopropylbenzene	12.459	105	426524	27.367	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61923	23.099	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	319753	28.843	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	341896	27.943	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	176850	25.316	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	180058	25.159	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	163965	25.965	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13448	20.984	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	121782	26.723	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	95742	23.876	ug/L	100
71) Naphthalene	15.360	128	189082	22.466	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83532	22.928	ug/L	95

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

