

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
 Data File : VW025226.D
 Acq On : 11 Jan 2023 15:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Jan 12 04:21:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	404114	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	306629	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	102565	21.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.885	69	68688	23.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.019	63	237096	23.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.080	46	59672	50.185	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.360%
24) Chloroform-d	7.647	84	247480	24.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	8.305	65	128820	24.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.275	84	510743	27.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.960%
36) 1,2-Dichloropropane-d6	9.274	67	147120	27.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.240%
41) Toluene-d8	10.323	98	468859	27.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.920%
43) trans-1,3-Dichloroprop...	10.579	79	65151	28.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.000%
47) 2-Hexanone-d5	10.926	63	50943	60.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114006	30.267	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	147940	23.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44554	19.438	ug/L	92
3) Chloromethane	2.215	50	92917	22.997	ug/L	99
5) Vinyl chloride	2.361	62	122175	23.708	ug/L	99
6) Bromomethane	2.782	94	60501	22.366	ug/L	94
8) Chloroethane	2.922	64	56960	23.713	ug/L	99
9) Trichlorofluoromethane	3.257	101	88143	24.693	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124866	24.036	ug/L	98
12) 1,1-Dichloroethene	4.044	96	118272	23.607	ug/L	91
13) Acetone	4.123	43	45348	32.610	ug/L	100
14) Carbon disulfide	4.385	76	392560	23.647	ug/L	99
15) Methyl Acetate	4.672	43	49561	24.667	ug/L	99
16) Methylene chloride	4.915	84	132081	21.132	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	126632	23.597	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	182617	24.278	ug/L	99
19) 1,1-Dichloroethane	6.220	63	224386	23.769	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	132622	23.778	ug/L	99
22) 2-Butanone	7.171	43	66053	42.748	ug/L	100
23) Bromochloromethane	7.512	128	56600	24.312	ug/L	92
25) Chloroform	7.677	83	220928	23.802	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	146313	25.470	ug/L	98
29) Cyclohexane	7.957	56	221557	27.412	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	194959	28.628	ug/L	99
31) Carbon tetrachloride	8.073	117	177817	28.671	ug/L	99
33) Benzene	8.323	78	520998	28.107	ug/L	100
34) Trichloroethene	9.091	95	119350	24.690	ug/L	95
35) Methylcyclohexane	9.335	83	244382	27.859	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124225	27.254	ug/L	100
38) Bromodichloromethane	9.646	83	162060	28.442	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	192028	27.618	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	139564	58.670	ug/L	99
42) Toluene	10.384	91	552491	28.337	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166243	27.949	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	90094	28.495	ug/L	99
46) Tetrachloroethene	10.859	164	99262	27.948	ug/L	90
48) 2-Hexanone	10.969	43	93440	51.219	ug/L	96
49) Dibromochloromethane	11.128	129	95834	25.972	ug/L	99
50) 1,2-Dibromoethane	11.231	107	76632	25.621	ug/L #	98
51) Chlorobenzene	11.658	112	291818	23.964	ug/L	97
52) Ethylbenzene	11.731	91	527406	24.274	ug/L	99
53) m,p-Xylene	11.835	106	207067	24.661	ug/L	100
54) o-Xylene	12.164	106	201084	26.021	ug/L	96
55) Styrene	12.176	104	337578	25.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	109231	30.982	ug/L	97
59) Bromoform	12.347	173	57133	24.629	ug/L	95
60) Isopropylbenzene	12.463	105	612919	23.130	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	79911	24.357	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	538063	23.949	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	519736	23.451	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	250955	23.169	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	254259	23.687	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	229492	24.550	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18826	25.618	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	171355	22.205	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	145678	22.231	ug/L	94
71) Naphthalene	15.359	128	306287	23.849	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	125662	22.356	ug/L	99

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

