

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012624\
 Data File : VW027856.D
 Acq On : 26 Jan 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Jan 26 23:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 25 00:24:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	324913	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160500	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83258	20.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.899	69	66585	19.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	4.027	65	36334	20.368	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.480%
21) 2-Butanone-d5	7.081	46	39980	60.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.940%
24) Chloroform-d	7.648	84	185078	23.557	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.307	65	88930	24.984	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.276	84	378955	22.443	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.270	67	104790	22.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	10.319	98	364426	23.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.575	79	45872	25.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.922	63	38345	62.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93078	27.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	136654	24.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78621	23.327	ug/L	95
3) Chloromethane	2.228	50	90672	21.648	ug/L	96
5) Vinyl chloride	2.375	62	114165	27.007	ug/L	99
6) Bromomethane	2.789	94	66446	20.187	ug/L	93
8) Chloroethane	2.936	64	64632	23.207	ug/L	98
9) Trichlorofluoromethane	3.265	101	94365	19.454	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103687	26.264	ug/L #	63
12) 1,1-Dichloroethene	4.045	96	97086	25.121	ug/L	98
13) Acetone	4.137	43	45345	54.105	ug/L	100
14) Carbon disulfide	4.393	76	282198	23.754	ug/L	100
15) Methyl Acetate	4.679	43	34187	29.984	ug/L	96
16) Methylene chloride	4.917	84	100776	21.393	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	102779	24.890	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	134584	26.676	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175365	25.033	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	114754	25.551	ug/L	97
22) 2-Butanone	7.173	43	52936	65.116	ug/L	97
23) Bromochloromethane	7.508	128	52230	26.803	ug/L	96
25) Chloroform	7.679	83	184909	25.532	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	112434	27.467	ug/L	98
29) Cyclohexane	7.959	56	151244	24.985	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	153417	25.711	ug/L	99
31) Carbon tetrachloride	8.069	117	143369	27.698	ug/L	99
33) Benzene	8.325	78	408002	24.845	ug/L	100
34) Trichloroethene	9.087	95	112335	25.027	ug/L	97
35) Methylcyclohexane	9.337	83	193105	25.561	ug/L	98
37) 1,2-Dichloropropane	9.367	63	100031	25.286	ug/L	99
38) Bromodichloromethane	9.642	83	134315	27.153	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	168302	27.608	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	95871	62.127	ug/L	99
42) Toluene	10.386	91	453575	25.379	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	134783	28.643	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	82525	27.844	ug/L	98
46) Tetrachloroethene	10.855	164	92160	25.181	ug/L	97
48) 2-Hexanone	10.965	43	75889	67.919	ug/L	98
49) Dibromochloromethane	11.129	129	92289	28.498	ug/L	96
50) 1,2-Dibromoethane	11.233	107	76415	27.973	ug/L	93
51) Chlorobenzene	11.654	112	299968	25.419	ug/L	95
52) Ethylbenzene	11.727	91	506296	25.132	ug/L	97
53) m,p-Xylene	11.837	106	202311	25.802	ug/L	97
54) o-Xylene	12.160	106	189159	25.754	ug/L	95
55) Styrene	12.178	104	330436	26.631	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	95227	29.802	ug/L	94
59) Bromoform	12.343	173	56380	28.608	ug/L #	94
60) Isopropylbenzene	12.458	105	522135	23.927	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65443	26.928	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	431640	24.620	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	423624	24.352	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	236664	23.641	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	246889	25.231	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	209821	24.591	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	13523	28.513	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	170525	24.740	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	145911	25.782	ug/L	89
71) Naphthalene	15.360	128	260854	28.059	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	123850	26.021	ug/L	94

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

