

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101323\
 Data File : VW027303.D
 Acq On : 13 Oct 2023 13:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Oct 16 01:56:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	473605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	426072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	174976	24.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.840%
7) Chloroethane-d5	2.899	69	134486	25.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.640%
11) 1,1-Dichloroethene-d2	4.021	65	87668	24.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.840%
21) 2-Butanone-d5	7.075	46	109298	45.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
24) Chloroform-d	7.648	84	357252	25.309	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.301	65	192919	25.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.760%
32) Benzene-d6	8.270	84	741829	25.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	9.270	67	226916	25.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.319	98	647719	24.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.575	79	97420	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	86810	47.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160356	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	190219	24.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	131531	23.341	ug/L	# 90
3) Chloromethane	2.229	50	160769	24.826	ug/L	98
5) Vinyl chloride	2.375	62	175298	24.233	ug/L	98
6) Bromomethane	2.789	94	101332	24.594	ug/L	94
8) Chloroethane	2.930	64	106491	25.575	ug/L	98
9) Trichlorofluoromethane	3.265	101	122049	23.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	151275	23.672	ug/L	94
12) 1,1-Dichloroethene	4.045	96	152042	24.482	ug/L	94
13) Acetone	4.118	43	96484	46.499	ug/L	99
14) Carbon disulfide	4.393	76	446496	23.191	ug/L	99
15) Methyl Acetate	4.667	43	83883	23.669	ug/L	99
16) Methylene chloride	4.917	84	181125	20.893	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	163417	24.484	ug/L	100
18) Methyl tert-butyl Ether	5.417	73	283557	24.624	ug/L	100
19) 1,1-Dichloroethane	6.216	63	347442	25.514	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	189327	25.118	ug/L	98
22) 2-Butanone	7.167	43	129119	41.573	ug/L	99
23) Bromochloromethane	7.514	128	76349	24.535	ug/L	92
25) Chloroform	7.679	83	330797	25.955	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	222770	25.731	ug/L	97
29) Cyclohexane	7.953	56	312141	24.128	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	266812	25.672	ug/L	100
31) Carbon tetrachloride	8.069	117	228797	24.414	ug/L	100
33) Benzene	8.325	78	722250	25.938	ug/L	100
34) Trichloroethene	9.093	95	186990	25.422	ug/L	96
35) Methylcyclohexane	9.331	83	319942	24.324	ug/L	100
37) 1,2-Dichloropropane	9.368	63	199865	26.546	ug/L	99
38) Bromodichloromethane	9.642	83	239052	25.821	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	315572	25.373	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248229	47.941	ug/L	100
42) Toluene	10.386	91	760827	26.046	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	260085	24.784	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	133185	25.706	ug/L	98
46) Tetrachloroethene	10.861	164	122268	24.074	ug/L	92
48) 2-Hexanone	10.965	43	182418	47.600	ug/L	100
49) Dibromochloromethane	11.129	129	142000	24.679	ug/L	100
50) 1,2-Dibromoethane	11.233	107	122260	24.339	ug/L	98
51) Chlorobenzene	11.654	112	470468	25.720	ug/L	97
52) Ethylbenzene	11.727	91	864667	25.473	ug/L	98
53) m,p-Xylene	11.837	106	327706	25.453	ug/L	98
54) o-Xylene	12.166	106	312518	25.348	ug/L	96
55) Styrene	12.178	104	531485	25.241	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	155601	24.602	ug/L	97
59) Bromoform	12.343	173	75928	23.933	ug/L	98
60) Isopropylbenzene	12.458	105	853154	25.472	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	114705	24.639	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	722290	25.853	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	716272	26.203	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	353590	26.033	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	338694	24.970	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	300744	24.953	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	26625	22.884	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	220852	25.048	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	181318	24.161	ug/L	98
71) Naphthalene	15.360	128	374776	24.284	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	156811	25.411	ug/L	91

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

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