

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027578.D
 Acq On : 08 Dec 2023 08:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025557

Quant Time: Dec 09 01:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 08 05:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100699	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.905	69	79492	22.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	4.027	65	45088	21.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.075	46	60281	47.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
24) Chloroform-d	7.654	84	176945	24.446	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.307	65	90341	24.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	359866	23.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.276	67	109591	24.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	10.325	98	316526	23.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.575	79	40671	23.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.920%
47) 2-Hexanone-d5	10.922	63	39405	47.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90094	24.452	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	91730	23.795	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	64940	20.001	ug/L	# 87
3) Chloromethane	2.229	50	87053	21.891	ug/L	95
5) Vinyl chloride	2.375	62	105650	22.776	ug/L	97
6) Bromomethane	2.796	94	57101	23.456	ug/L	96
8) Chloroethane	2.936	64	63800	24.081	ug/L	93
9) Trichlorofluoromethane	3.277	101	107207	24.132	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	92902	24.523	ug/L	97
12) 1,1-Dichloroethene	4.051	96	82852	23.954	ug/L	95
13) Acetone	4.125	43	55570	45.080	ug/L	98
14) Carbon disulfide	4.393	76	223474	21.380	ug/L	99
15) Methyl Acetate	4.673	43	47346	21.976	ug/L	100
16) Methylene chloride	4.923	84	92416	23.370	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	85278	23.911	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149405	25.971	ug/L	98
19) 1,1-Dichloroethane	6.222	63	179214	24.709	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	94342	24.631	ug/L	96
22) 2-Butanone	7.173	43	68631	43.156	ug/L	99
23) Bromochloromethane	7.514	128	37098	24.625	ug/L	96
25) Chloroform	7.679	83	168817	25.634	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	107952	25.362	ug/L	99
29) Cyclohexane	7.959	56	164919	23.252	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	148448	24.667	ug/L	99
31) Carbon tetrachloride	8.075	117	124322	23.684	ug/L	99
33) Benzene	8.325	78	370171	24.861	ug/L	100
34) Trichloroethene	9.093	95	97463	23.964	ug/L	95
35) Methylcyclohexane	9.337	83	170698	23.571	ug/L	99
37) 1,2-Dichloropropane	9.367	63	100327	25.520	ug/L	98
38) Bromodichloromethane	9.648	83	116205	25.569	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	145146	25.576	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	126019	47.423	ug/L	100
42) Toluene	10.386	91	378930	24.061	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119660	26.137	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	70430	25.724	ug/L	97
46) Tetrachloroethene	10.861	164	71054	24.506	ug/L	90
48) 2-Hexanone	10.965	43	87147	46.533	ug/L	99
49) Dibromochloromethane	11.129	129	69824	25.800	ug/L	97
50) 1,2-Dibromoethane	11.233	107	62004	24.753	ug/L	99
51) Chlorobenzene	11.654	112	235801	24.818	ug/L	96
52) Ethylbenzene	11.727	91	446958	24.985	ug/L	96
53) m,p-Xylene	11.837	106	163727	24.838	ug/L	97
54) o-Xylene	12.166	106	154804	25.838	ug/L	91
55) Styrene	12.178	104	264118	25.828	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	86738	24.335	ug/L	94
59) Bromoform	12.349	173	40344	26.193	ug/L	94
60) Isopropylbenzene	12.464	105	452389	24.914	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63700	24.015	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	336669	25.069	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	332939	24.892	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	177992	25.591	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	171120	24.666	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	153510	24.499	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	13792	21.617	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.623	180	118086	25.248	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	95572	26.315	ug/L	94
71) Naphthalene	15.360	128	193943	25.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82255	26.439	ug/L	97

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

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