

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025985.D
 Acq On : 18 May 2023 09:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: May 19 04:33:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 15 23:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	528802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	482385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	163041	21.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
7) Chloroethane-d5	2.899	69	136468	24.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
11) 1,1-Dichloroethene-d2	4.021	65	80481	21.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.800%
21) 2-Butanone-d5	7.075	46	129721	52.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.720%
24) Chloroform-d	7.648	84	383984	25.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.307	65	209734	24.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.270	84	734747	23.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.270	67	241393	23.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	631357	22.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	92869	22.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.922	63	90364	52.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208326	27.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	13.854	152	206870	22.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175344	29.680	ug/L	90
3) Chloromethane	2.222	50	225737	25.915	ug/L	98
5) Vinyl chloride	2.369	62	261048	28.953	ug/L	98
6) Bromomethane	2.789	94	134774	27.483	ug/L	98
8) Chloroethane	2.930	64	151723	29.594	ug/L	98
9) Trichlorofluoromethane	3.265	101	185129	27.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	210534	28.450	ug/L	99
12) 1,1-Dichloroethene	4.045	96	200593	28.363	ug/L	84
13) Acetone	4.118	43	119393	54.354	ug/L	98
14) Carbon disulfide	4.387	76	631123	26.388	ug/L	100
15) Methyl Acetate	4.667	43	118320	27.334	ug/L	99
16) Methylene chloride	4.917	84	215623	19.772	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	211626	27.430	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	324261	27.692	ug/L	99
19) 1,1-Dichloroethane	6.216	63	446619	28.175	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	228285	27.580	ug/L	98
22) 2-Butanone	7.173	43	159728	52.662	ug/L	99
23) Bromochloromethane	7.514	128	100337	28.614	ug/L	92
25) Chloroform	7.673	83	422472	28.998	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288934	27.925	ug/L	99
29) Cyclohexane	7.953	56	405050	27.096	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	339319	28.763	ug/L	100
31) Carbon tetrachloride	8.069	117	302048	28.450	ug/L	99
33) Benzene	8.325	78	929910	27.863	ug/L	100
34) Trichloroethene	9.093	95	233441	27.259	ug/L	98
35) Methylcyclohexane	9.337	83	416508	27.345	ug/L	100
37) 1,2-Dichloropropane	9.367	63	254350	27.817	ug/L	100
38) Bromodichloromethane	9.642	83	292167	27.851	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	364966	27.218	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	333618	56.055	ug/L	99
42) Toluene	10.386	91	965033	28.299	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	315148	28.365	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	173616	28.385	ug/L	97
46) Tetrachloroethene	10.861	164	165381	27.450	ug/L	94
48) 2-Hexanone	10.965	43	242735	56.931	ug/L	99
49) Dibromochloromethane	11.123	129	178968	28.263	ug/L	99
50) 1,2-Dibromoethane	11.233	107	159985	28.373	ug/L	90
51) Chlorobenzene	11.654	112	586974	27.785	ug/L	99
52) Ethylbenzene	11.727	91	1091333	28.450	ug/L	98
53) m,p-Xylene	11.837	106	404327	28.639	ug/L	97
54) o-Xylene	12.166	106	382044	28.710	ug/L	97
55) Styrene	12.178	104	667642	29.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	220819	28.934	ug/L	96
59) Bromoform	12.343	173	104071	27.797	ug/L	99
60) Isopropylbenzene	12.458	105	1063932	27.691	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159905	26.768	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	854531	28.080	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	781912	27.844	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	439936	26.599	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	450698	26.972	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	402115	27.261	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	34497	24.904	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	294276	26.804	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	233668	25.405	ug/L	98
71) Naphthalene	15.360	128	452802	26.083	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	210930	25.846	ug/L	99

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

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