

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071223\
 Data File : VW026600.D
 Acq On : 12 Jul 2023 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Jul 13 04:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	650324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	222387	20.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	165272	21.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	4.021	65	105246	20.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.720%
21) 2-Butanone-d5	7.075	46	151471	42.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.460%
24) Chloroform-d	7.648	84	449026	23.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.920%
26) 1,2-Dichloroethane-d4	8.301	65	247172	23.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.270	84	921825	23.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.270	67	285917	23.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.325	98	799954	23.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	10.575	79	113779	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.960%
47) 2-Hexanone-d5	10.922	63	108179	46.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228878	22.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	250903	23.406	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	142794	19.465	ug/L	# 89
3) Chloromethane	2.222	50	230686	22.009	ug/L	100
5) Vinyl chloride	2.375	62	238778	21.616	ug/L	100
6) Bromomethane	2.783	94	132332	22.535	ug/L	99
8) Chloroethane	2.936	64	139989	22.664	ug/L	98
9) Trichlorofluoromethane	3.265	101	170318	20.817	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	207404	22.841	ug/L	99
12) 1,1-Dichloroethene	4.045	96	197485	22.668	ug/L	86
13) Acetone	4.112	43	131365	51.513	ug/L	96
14) Carbon disulfide	4.387	76	685210	22.437	ug/L	99
15) Methyl Acetate	4.667	43	127552	20.819	ug/L	97
16) Methylene chloride	4.917	84	241018	20.979	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	219783	23.595	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	355822	24.407	ug/L	100
19) 1,1-Dichloroethane	6.216	63	452255	24.284	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	240693	24.953	ug/L	98
22) 2-Butanone	7.167	43	177897	45.810	ug/L	98
23) Bromochloromethane	7.508	128	99997	24.202	ug/L	94
25) Chloroform	7.673	83	420853	24.664	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	297628	24.777	ug/L	97
29) Cyclohexane	7.953	56	418781	23.742	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	328315	23.645	ug/L	98
31) Carbon tetrachloride	8.069	117	302714	24.017	ug/L	98
33) Benzene	8.325	78	961400	24.629	ug/L	100
34) Trichloroethene	9.087	95	239239	23.860	ug/L	95
35) Methylcyclohexane	9.337	83	429566	23.859	ug/L	99
37) 1,2-Dichloropropane	9.367	63	263292	25.399	ug/L	99
38) Bromodichloromethane	9.642	83	295568	25.096	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	388253	26.015	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	357262	45.662	ug/L	100
42) Toluene	10.386	91	983424	24.948	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	327228	25.998	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	178635	24.691	ug/L	98
46) Tetrachloroethene	10.861	164	176066	24.734	ug/L	86
48) 2-Hexanone	10.965	43	260788	47.761	ug/L	99
49) Dibromochloromethane	11.123	129	181048	25.273	ug/L	93
50) 1,2-Dibromoethane	11.233	107	165049	24.201	ug/L	96
51) Chlorobenzene	11.654	112	602206	24.916	ug/L	99
52) Ethylbenzene	11.727	91	1103374	25.142	ug/L	98
53) m,p-Xylene	11.836	106	414378	25.954	ug/L	89
54) o-Xylene	12.166	106	382722	25.538	ug/L	98
55) Styrene	12.178	104	684173	27.067	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	222687	23.453	ug/L	98
59) Bromoform	12.349	173	105865	22.926	ug/L	96
60) Isopropylbenzene	12.458	105	1069035	23.665	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	166555	21.120	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	861469	24.864	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	881845	25.671	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	445558	23.506	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	433271	22.919	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	409642	24.419	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37786	20.132	ug/L	83
69) 1,3,5-Trichlorobenzene	14.629	180	282103	22.489	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	251223	24.405	ug/L	100
71) Naphthalene	15.360	128	546470	23.442	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	232181	23.959	ug/L	98

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

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