

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025429.D
 Acq On : 20 Mar 2023 08:54
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Mar 20 23:47:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 21:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	668976	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	588121	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	232283	20.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
7) Chloroethane-d5	2.899	69	178664	22.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.021	63	504896	23.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.000%
21) 2-Butanone-d5	7.075	46	131920	48.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.640%
24) Chloroform-d	7.648	84	461561	23.933	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	8.307	65	245054	23.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.276	84	953298	23.722	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	9.270	67	296913	23.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.325	98	832824	23.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.575	79	113322	22.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.922	63	84286	47.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217224	23.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	253689	23.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	165420	21.637	ug/L	97
3) Chloromethane	2.223	50	225750	24.828	ug/L	98
5) Vinyl chloride	2.375	62	269113	26.197	ug/L	98
6) Bromomethane	2.789	94	137150	25.042	ug/L	97
8) Chloroethane	2.936	64	152912	25.899	ug/L	99
9) Trichlorofluoromethane	3.265	101	210332	23.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	221386	25.675	ug/L	99
12) 1,1-Dichloroethene	4.045	96	211739	25.381	ug/L	97
13) Acetone	4.125	43	143288	54.594	ug/L	100
14) Carbon disulfide	4.387	76	684156	26.377	ug/L	98
15) Methyl Acetate	4.673	43	110273	22.396	ug/L	97
16) Methylene chloride	4.917	84	230689	24.765	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	219713	25.124	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	321456	24.416	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454733	25.110	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	235970	24.645	ug/L #	97
22) 2-Butanone	7.167	43	167297	49.274	ug/L	99
23) Bromochloromethane	7.514	128	98564	23.938	ug/L	94
25) Chloroform	7.673	83	418247	24.568	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	281245	24.755	ug/L	98
29) Cyclohexane	7.953	56	438421	26.409	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	345961	24.745	ug/L	99
31) Carbon tetrachloride	8.069	117	304263	24.279	ug/L	99
33) Benzene	8.319	78	959427	25.516	ug/L	100
34) Trichloroethene	9.093	95	240659	24.385	ug/L	98
35) Methylcyclohexane	9.331	83	442302	26.017	ug/L	99
37) 1,2-Dichloropropane	9.368	63	257093	24.839	ug/L	100
38) Bromodichloromethane	9.642	83	291536	24.152	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	366983	24.612	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	302339	48.601	ug/L	99
42) Toluene	10.386	91	989496	25.487	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	307381	24.616	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	165572	23.821	ug/L	97
46) Tetrachloroethene	10.861	164	173295	24.679	ug/L	97
48) 2-Hexanone	10.965	43	228118	50.969	ug/L	99
49) Dibromochloromethane	11.129	129	172607	23.241	ug/L	96
50) 1,2-Dibromoethane	11.233	107	150432	23.381	ug/L	98
51) Chlorobenzene	11.654	112	584820	23.735	ug/L	98
52) Ethylbenzene	11.727	91	1102997	24.911	ug/L	98
53) m,p-Xylene	11.837	106	410670	25.146	ug/L	95
54) o-Xylene	12.166	106	387512	25.216	ug/L	100
55) Styrene	12.178	104	675561	25.743	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	200019	23.134	ug/L	98
59) Bromoform	12.349	173	95289	22.955	ug/L	98
60) Isopropylbenzene	12.458	105	1106391	25.796	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146628	23.391	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	878681	25.867	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	875187	26.153	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	449494	24.733	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	434118	23.287	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	398703	24.460	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	32007	22.055	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	298033	24.124	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	237403	23.176	ug/L	99
71) Naphthalene	15.360	128	476154	23.549	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	217130	23.600	ug/L	97

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

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