

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025363.D
 Acq On : 22 Feb 2023 16:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Feb 22 21:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	390835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	344666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	176515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70435	21.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.899	69	55103	22.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
11) 1,1-Dichloroethene-d2	4.027	63	194901	22.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.760%
21) 2-Butanone-d5	7.075	46	39480	52.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.200%
24) Chloroform-d	7.648	84	182756	24.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	8.306	65	94724	24.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.440%
32) Benzene-d6	8.276	84	353621	24.210	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.840%
36) 1,2-Dichloropropane-d6	9.276	67	97805	23.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.324	98	330657	24.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.580	79	46765	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.922	63	31920	53.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78425	25.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	104719	23.358	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	109498m	22.317	ug/L	
3) Chloromethane	2.222	50	99407	22.573	ug/L	92
5) Vinyl chloride	2.375	62	115376	22.504	ug/L	97
6) Bromomethane	2.789	94	76127	23.385	ug/L	98
8) Chloroethane	2.935	64	67973	22.657	ug/L	93
9) Trichlorofluoromethane	3.271	101	135852	21.837	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	116902	22.121	ug/L	91
12) 1,1-Dichloroethene	4.051	96	112684	22.376	ug/L	95
13) Acetone	4.124	43	58372	46.945	ug/L	98
14) Carbon disulfide	4.393	76	377447	22.978	ug/L	100
15) Methyl Acetate	4.673	43	46866	23.394	ug/L	99
16) Methylene chloride	4.917	84	131754	23.840	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	124070	23.501	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	185978	24.942	ug/L	99
19) 1,1-Dichloroethane	6.215	63	219565	23.145	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	133358	24.041	ug/L	97
22) 2-Butanone	7.173	43	71031	49.249	ug/L	97
23) Bromochloromethane	7.514	128	57706	24.378	ug/L	95
25) Chloroform	7.679	83	233672	23.936	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	159482	24.219	ug/L	100
29) Cyclohexane	7.959	56	206508	23.802	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	207623	23.254	ug/L	99
31) Carbon tetrachloride	8.069	117	196491	23.382	ug/L	97
33) Benzene	8.325	78	499233	23.689	ug/L	100
34) Trichloroethene	9.093	95	136606	23.211	ug/L	98
35) Methylcyclohexane	9.337	83	247766	24.023	ug/L	98
37) 1,2-Dichloropropane	9.367	63	123579	24.242	ug/L	100
38) Bromodichloromethane	9.642	83	165909	23.994	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	205172	24.600	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129550	49.954	ug/L	99
42) Toluene	10.385	91	544112	23.982	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	173311	24.719	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	94202	24.775	ug/L	96
46) Tetrachloroethene	10.861	164	101154	22.760	ug/L	95
48) 2-Hexanone	10.965	43	98843	51.065	ug/L	98
49) Dibromochloromethane	11.129	129	104993	23.905	ug/L	94
50) 1,2-Dibromoethane	11.233	107	89444	24.538	ug/L	99
51) Chlorobenzene	11.653	112	346747	23.798	ug/L	97
52) Ethylbenzene	11.727	91	627125	23.853	ug/L	100
53) m,p-Xylene	11.836	106	244681	24.494	ug/L	99
54) o-Xylene	12.166	106	226528	24.529	ug/L	98
55) Styrene	12.178	104	387202	24.654	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	107189	24.694	ug/L	99
59) Bromoform	12.348	173	59676	22.583	ug/L	100
60) Isopropylbenzene	12.464	105	628521	21.770	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	81249	23.232	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	536600	23.143	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	528027	24.058	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	272427	24.132	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	273699	24.183	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	234954	22.696	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	18599	23.016	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	175872	22.760	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	147707	22.030	ug/L	97
71) Naphthalene	15.360	128	311860	24.189	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	131528	23.098	ug/L	99

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

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