

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025171.D
 Acq On : 22 Dec 2022 21:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Dec 23 00:49:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270234	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	248220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	131502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55130	17.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.800%
7) Chloroethane-d5	2.885	69	36750	18.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
11) 1,1-Dichloroethene-d2	4.019	63	161709	23.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.760%
21) 2-Butanone-d5	7.080	46	40810	52.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.360%
24) Chloroform-d	7.647	84	186531	26.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	8.305	65	105880	29.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.720%
32) Benzene-d6	8.275	84	349579	24.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.274	67	97274	22.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.323	98	328945	24.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.680%
43) trans-1,3-Dichloroprop...	10.579	79	47602	26.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.400%
47) 2-Hexanone-d5	10.920	63	35487	57.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82671	26.431	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	113893	25.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	41373	25.262	ug/L	96
3) Chloromethane	2.215	50	53774	18.647	ug/L	96
5) Vinyl chloride	2.361	62	67848	18.808	ug/L	98
6) Bromomethane	2.776	94	36339	19.440	ug/L	93
8) Chloroethane	2.922	64	30736	18.421	ug/L	95
9) Trichlorofluoromethane	3.257	101	72135	26.682	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85886	24.050	ug/L	97
12) 1,1-Dichloroethene	4.037	96	80732	23.712	ug/L	97
13) Acetone	4.117	43	33622	41.823	ug/L	98
14) Carbon disulfide	4.385	76	234440	21.569	ug/L	99
15) Methyl Acetate	4.672	43	32650	24.883	ug/L	97
16) Methylene chloride	4.915	84	93933	22.240	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	87625	24.278	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	144053	26.898	ug/L	96
19) 1,1-Dichloroethane	6.220	63	159197	24.410	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	97277	25.489	ug/L	91
22) 2-Butanone	7.171	43	45142	44.634	ug/L	97
23) Bromochloromethane	7.519	128	42071	26.051	ug/L	89
25) Chloroform	7.671	83	180096	27.289	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	125882	30.295	ug/L	96
29) Cyclohexane	7.958	56	134115	21.338	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	157706	26.915	ug/L	99
31) Carbon tetrachloride	8.067	117	143230	26.585	ug/L	98
33) Benzene	8.323	78	362553	23.578	ug/L	100
34) Trichloroethene	9.091	95	97449	24.194	ug/L	94
35) Methylcyclohexane	9.335	83	160551	22.473	ug/L	99
37) 1,2-Dichloropropane	9.366	63	85680	23.102	ug/L	97
38) Bromodichloromethane	9.646	83	132956	27.137	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	146926	25.928	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	99093	52.122	ug/L	99
42) Toluene	10.384	91	401809	24.940	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	131211	27.037	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	69014	26.076	ug/L	98
46) Tetrachloroethene	10.859	164	72443	24.707	ug/L	93
48) 2-Hexanone	10.963	43	70604	50.844	ug/L	98
49) Dibromochloromethane	11.128	129	89033	28.011	ug/L	89
50) 1,2-Dibromoethane	11.231	107	65819	26.711	ug/L #	99
51) Chlorobenzene	11.658	112	259651	25.183	ug/L	97
52) Ethylbenzene	11.725	91	469730	25.728	ug/L	97
53) m,p-Xylene	11.835	106	178990	25.671	ug/L	91
54) o-Xylene	12.164	106	176485	26.559	ug/L	96
55) Styrene	12.176	104	303865	27.003	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	82442	26.636	ug/L	97
59) Bromoform	12.347	173	48362	26.781	ug/L	99
60) Isopropylbenzene	12.463	105	474505	23.540	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62119	24.576	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	429258	24.861	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	426142	25.405	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	207679	25.167	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	208630	25.105	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	192048	26.686	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17076	28.975	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	149556	25.524	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	127780	27.179	ug/L	95
71) Naphthalene	15.359	128	261118	28.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	112873	27.395	ug/L	97

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

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