

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025205.D
 Acq On : 23 Dec 2022 18:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Dec 23 22:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	684400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	608963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	265222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163955	20.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
7) Chloroethane-d5	2.879	69	111283	21.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	4.019	63	362768	20.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.080	46	101626	51.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.620%
24) Chloroform-d	7.647	84	393924	22.298	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.305	65	196221	21.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.275	84	827060	23.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	9.274	67	248396	23.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.323	98	741073	22.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.560%
43) trans-1,3-Dichloroprop...	10.573	79	96309	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.760%
47) 2-Hexanone-d5	10.921	63	86036	56.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	183697	23.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	206814	23.006	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	84703	20.421	ug/L	95
3) Chloromethane	2.209	50	159076	21.781	ug/L	98
5) Vinyl chloride	2.355	62	202034	22.113	ug/L	98
6) Bromomethane	2.776	94	104065	21.982	ug/L	97
8) Chloroethane	2.916	64	92432	21.873	ug/L	97
9) Trichlorofluoromethane	3.257	101	122224	17.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	196622	21.740	ug/L	98
12) 1,1-Dichloroethene	4.038	96	192797	22.359	ug/L	95
13) Acetone	4.123	43	62723	30.807	ug/L	94
14) Carbon disulfide	4.385	76	574195	20.859	ug/L	99
15) Methyl Acetate	4.672	43	86582	26.054	ug/L	99
16) Methylene chloride	4.916	84	218647	20.440	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	210351	23.012	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	304706	22.465	ug/L	99
19) 1,1-Dichloroethane	6.214	63	389415	23.577	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	232302	24.034	ug/L	94
22) 2-Butanone	7.171	43	110193	43.020	ug/L	98
23) Bromochloromethane	7.513	128	97867	23.928	ug/L	97
25) Chloroform	7.677	83	382216	22.867	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	233283	22.168	ug/L	99
29) Cyclohexane	7.952	56	356889	23.144	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	301247	20.956	ug/L	99
31) Carbon tetrachloride	8.067	117	266680	20.176	ug/L	99
33) Benzene	8.323	78	887863	23.536	ug/L	100
34) Trichloroethene	9.092	95	222036	22.470	ug/L	96
35) Methylcyclohexane	9.335	83	383788	21.897	ug/L	99
37) 1,2-Dichloropropane	9.366	63	219739	24.151	ug/L	99
38) Bromodichloromethane	9.640	83	269982	22.461	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	324089	23.312	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	243908	52.294	ug/L	100
42) Toluene	10.384	91	917812	23.221	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	268653	22.565	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	156420	24.090	ug/L	98
46) Tetrachloroethene	10.860	164	153156	21.291	ug/L	94
48) 2-Hexanone	10.963	43	167095	49.047	ug/L	99
49) Dibromochloromethane	11.128	129	179449	23.012	ug/L	95
50) 1,2-Dibromoethane	11.231	107	146876	24.296	ug/L	93
51) Chlorobenzene	11.658	112	582985	23.048	ug/L	99
52) Ethylbenzene	11.725	91	1028228	22.956	ug/L	99
53) m,p-Xylene	11.835	106	395478	23.120	ug/L	98
54) o-Xylene	12.164	106	378266	23.203	ug/L	97
55) Styrene	12.176	104	646858	23.430	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	186493	24.560	ug/L	95
59) Bromoform	12.347	173	91510	25.125	ug/L	100
60) Isopropylbenzene	12.463	105	1009519	24.832	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	134010	26.287	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	881920	25.326	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	769581	22.748	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	384588	23.107	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	395143	23.575	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	345763	23.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	29954	25.201	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	283645	24.002	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	242525	25.577	ug/L	99
71) Naphthalene	15.359	128	544144	29.273	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	222882	26.822	ug/L	96

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

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