

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022987.D
 Acq On : 11 May 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: May 12 01:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	280354	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	282632	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98426	17.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.440%
7) Chloroethane-d5	2.885	69	87245	23.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	4.025	63	139704	18.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.200%
21) 2-Butanone-d5	7.073	46	62966	57.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.160%
24) Chloroform-d	7.646	84	203585	24.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	8.305	65	111410	24.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.920%
32) Benzene-d6	8.274	84	363409	22.308	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.274	67	110767	24.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	344421	21.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	10.579	79	47275	22.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.920	63	50454	57.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119082	27.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	134414	24.670	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34763	22.746	ug/L	93
3) Chloromethane	2.214	50	70240	23.784	ug/L	99
5) Vinyl chloride	2.361	62	128625	21.702	ug/L	98
6) Bromomethane	2.775	94	87318	22.946	ug/L	94
8) Chloroethane	2.922	64	75269	26.330	ug/L	98
9) Trichlorofluoromethane	3.257	101	51668	19.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	88973	21.966	ug/L	94
12) 1,1-Dichloroethene	4.043	96	75985	21.161	ug/L	96
13) Acetone	4.116	43	34263	41.847	ug/L	100
14) Carbon disulfide	4.391	76	176196	17.898	ug/L	99
15) Methyl Acetate	4.671	43	41080	24.974	ug/L	99
16) Methylene chloride	4.921	84	97015	23.649	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	90458	22.386	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	162872	26.404	ug/L	99
19) 1,1-Dichloroethane	6.214	63	170693	24.924	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	108033	24.892	ug/L #	98
22) 2-Butanone	7.171	43	56056	48.955	ug/L	99
23) Bromochloromethane	7.512	128	50564	24.877	ug/L	95
25) Chloroform	7.677	83	199732	26.375	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	130397	25.832	ug/L	99
29) Cyclohexane	7.957	56	126302	20.663	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	162503	24.330	ug/L	99
31) Carbon tetrachloride	8.073	117	143581	22.981	ug/L	98
33) Benzene	8.323	78	400397	24.048	ug/L	100
34) Trichloroethene	9.091	95	107818	23.546	ug/L	93
35) Methylcyclohexane	9.335	83	156261	20.773	ug/L	97
37) 1,2-Dichloropropane	9.366	63	101013	25.070	ug/L	99
38) Bromodichloromethane	9.646	83	147608	25.792	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	153801	24.618	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	131645	51.837	ug/L	99
42) Toluene	10.384	91	458493	24.572	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	141912	25.449	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87845	26.080	ug/L	98
46) Tetrachloroethene	10.859	164	79922	23.226	ug/L	85
48) 2-Hexanone	10.969	43	89919	52.991	ug/L	96
49) Dibromochloromethane	11.127	129	107847	26.603	ug/L	100
50) 1,2-Dibromoethane	11.231	107	84375	24.947	ug/L	96
51) Chlorobenzene	11.658	112	308307	25.063	ug/L	100
52) Ethylbenzene	11.731	91	519815	25.040	ug/L	99
53) m,p-Xylene	11.835	106	203698	24.903	ug/L	96
54) o-Xylene	12.164	106	197833	25.204	ug/L	95
55) Styrene	12.182	104	351681	26.367	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.712	83	113812	27.052	ug/L	94
59) Bromoform	12.347	173	55712	25.222	ug/L	99
60) Isopropylbenzene	12.463	105	547818	25.656	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	81141	26.054	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	297172	25.016	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	462859	25.949	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	237279	24.889	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	239030	24.274	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	224955	25.786	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.480	75	16917	24.855	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	143939	22.746	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	125983	24.749	ug/L	96
71) Naphthalene	15.364	128	282474	25.531	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	109312	24.229	ug/L	96

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

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