

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101422\
 Data File : VW024915.D
 Acq On : 14 Oct 2022 08:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Oct 15 00:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	430415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	388300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	117553	23.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
7) Chloroethane-d5	2.885	69	68084	22.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	4.025	63	274235	24.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.360%
21) 2-Butanone-d5	7.074	46	73555	45.717	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.440%
24) Chloroform-d	7.647	84	295700	24.357	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.440%
26) 1,2-Dichloroethane-d4	8.305	65	146785	23.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	8.275	84	590680	24.259	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	9.274	67	182341	24.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	10.323	98	534748	24.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	10.573	79	68756	24.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.921	63	57168	45.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133630	22.944	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	154981	22.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	58574	30.417	ug/L	94
3) Chloromethane	2.215	50	118927	26.517	ug/L	98
5) Vinyl chloride	2.361	62	172003	28.110	ug/L	100
6) Bromomethane	2.776	94	81449	27.406	ug/L	90
8) Chloroethane	2.922	64	66730	26.173	ug/L	99
9) Trichlorofluoromethane	3.251	101	91174	30.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	167091	27.114	ug/L	97
12) 1,1-Dichloroethene	4.038	96	163606	28.057	ug/L	90
13) Acetone	4.117	43	65742	58.392	ug/L	99
14) Carbon disulfide	4.385	76	541775	28.444	ug/L	100
15) Methyl Acetate	4.672	43	67677	24.699	ug/L	99
16) Methylene chloride	4.916	84	166585	21.920	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	174195	27.443	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	238160	25.249	ug/L	100
19) 1,1-Dichloroethane	6.208	63	319061	27.170	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	183834	26.798	ug/L	95
22) 2-Butanone	7.165	43	93020	49.525	ug/L	99
23) Bromochloromethane	7.513	128	75193	26.798	ug/L	98
25) Chloroform	7.677	83	311248	27.003	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	194977	26.159	ug/L	100
29) Cyclohexane	7.952	56	317548	28.159	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	249253	27.912	ug/L	100
31) Carbon tetrachloride	8.067	117	224168	28.590	ug/L	100
33) Benzene	8.323	78	718352	27.193	ug/L	100
34) Trichloroethene	9.092	95	185301	27.853	ug/L	97
35) Methylcyclohexane	9.329	83	335352	28.009	ug/L	99
37) 1,2-Dichloropropane	9.366	63	179433	27.255	ug/L	99
38) Bromodichloromethane	9.640	83	219628	27.000	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	262278	27.562	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	187225	48.116	ug/L	99
42) Toluene	10.384	91	752014	27.765	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	216740	27.433	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	120754	26.259	ug/L	97
46) Tetrachloroethene	10.860	164	126176	27.893	ug/L	91
48) 2-Hexanone	10.963	43	132483	50.216	ug/L	98
49) Dibromochloromethane	11.128	129	135570	26.631	ug/L	100
50) 1,2-Dibromoethane	11.231	107	111684	25.781	ug/L	93
51) Chlorobenzene	11.652	112	460172	27.032	ug/L	99
52) Ethylbenzene	11.731	91	842575	27.781	ug/L	97
53) m,p-Xylene	11.835	106	318531	27.643	ug/L	97
54) o-Xylene	12.164	106	300919	27.427	ug/L	93
55) Styrene	12.176	104	521910	27.735	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	141690	25.255	ug/L	99
59) Bromoform	12.347	173	66573	26.928	ug/L #	99
60) Isopropylbenzene	12.457	105	831339	27.895	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	101739	25.044	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	714652	27.929	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	682732	27.674	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	326128	26.869	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	307720	25.046	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	293794	27.232	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21816	24.706	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	214867	27.114	ug/L	99
70) 1,2,4-trichlorobenzene	15.121	180	164876	25.643	ug/L	99
71) Naphthalene	15.359	128	351244	25.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	135720	24.731	ug/L	97

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

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