

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
 Data File : VW022521.D
 Acq On : 13 Apr 2022 10:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Apr 14 01:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	360500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	350775	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132869	16.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
7) Chloroethane-d5	2.885	69	95875	19.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	4.019	63	206232	19.951	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	7.073	46	72034	51.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
24) Chloroform-d	7.646	84	272056	24.144	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.305	65	149172	23.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	8.268	84	470781	21.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	9.274	67	146241	23.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	453626	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.573	79	65225	22.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.920	63	61716	53.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140420	26.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	181843	25.842	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	48157	27.251	ug/L	96
3) Chloromethane	2.221	50	93640	21.253	ug/L	98
5) Vinyl chloride	2.361	62	207064	22.523	ug/L	94
6) Bromomethane	2.781	94	128773	23.041	ug/L	99
8) Chloroethane	2.922	64	95684	23.773	ug/L	100
9) Trichlorofluoromethane	3.257	101	89328	26.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	143054	26.468	ug/L	95
12) 1,1-Dichloroethene	4.037	96	129414	26.662	ug/L	90
13) Acetone	4.123	43	41945	44.277	ug/L	93
14) Carbon disulfide	4.385	76	362508	22.702	ug/L	98
15) Methyl Acetate	4.665	43	55697	23.429	ug/L	96
16) Methylene chloride	4.915	84	140990	25.991	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	146963	25.846	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	231443	24.923	ug/L	96
19) 1,1-Dichloroethane	6.214	63	259693	25.030	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	163429	27.213	ug/L #	90
22) 2-Butanone	7.171	43	68955	48.194	ug/L	93
23) Bromochloromethane	7.512	128	72863	28.192	ug/L	96
25) Chloroform	7.677	83	288457	26.397	ug/L	100

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

27) 1,2-Dichloroethane	8.396	62	189489	24.672	ug/L #	95
29) Cyclohexane	7.951	56	231144	23.024	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	251035	25.799	ug/L	96
31) Carbon tetrachloride	8.067	117	229518	26.281	ug/L	97
33) Benzene	8.323	78	601891	25.273	ug/L	100
34) Trichloroethene	9.085	95	163960	25.712	ug/L	92
35) Methylcyclohexane	9.335	83	277731	24.276	ug/L	95
37) 1,2-Dichloropropane	9.366	63	143940	25.229	ug/L	100
38) Bromodichloromethane	9.646	83	211536	25.783	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	237604	26.245	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	169162	48.584	ug/L #	93
42) Toluene	10.384	91	695855	25.499	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	209001	25.782	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	116143	26.673	ug/L	99
46) Tetrachloroethene	10.859	164	122232	26.077	ug/L	94
48) 2-Hexanone	10.963	43	119322	48.576	ug/L	97
49) Dibromochloromethane	11.127	129	148566	28.609	ug/L	98
50) 1,2-Dibromoethane	11.231	107	115340	26.826	ug/L	100
51) Chlorobenzene	11.652	112	441320	26.464	ug/L	96
52) Ethylbenzene	11.725	91	782432	25.579	ug/L	96
53) m,p-Xylene	11.835	106	309740	26.631	ug/L	92
54) o-Xylene	12.164	106	298636	26.869	ug/L	94
55) Styrene	12.182	104	502715	26.474	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	141318	26.442	ug/L	98
59) Bromoform	12.347	173	75580	25.602	ug/L	98
60) Isopropylbenzene	12.463	105	821598	24.896	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	102788	24.322	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	464335	25.584	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	703400	25.486	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	351442	26.240	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	356059	26.656	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	320596	26.765	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23132	23.601	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	235846	26.989	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	198337	27.025	ug/L	96
71) Naphthalene	15.358	128	418008	27.004	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	169830	27.072	ug/L	97

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

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