

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020639.D
 Acq On : 20 Oct 2021 08:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025043

Quant Time: Oct 21 01:06:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	178215	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	171483	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	57000	21.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
7) Chloroethane-d5	2.873	69	30269	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	4.013	63	119497	22.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.960%
21) 2-Butanone-d5	7.080	46	45090	57.134	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.260%
24) Chloroform-d	7.647	84	151626	26.691	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.760%
26) 1,2-Dichloroethane-d4	8.305	65	85873	26.467	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.880%
32) Benzene-d6	8.275	84	276207	24.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	9.275	67	91746	24.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.323	98	249743	24.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.579	79	37437	25.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.240%
47) 2-Hexanone-d5	10.927	63	32862	58.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	75604	27.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	84085	23.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	35989	31.250	ug/L	99
3) Chloromethane	2.209	50	60720	25.358	ug/L	98
5) Vinyl chloride	2.355	62	81626	24.236	ug/L	99
6) Bromomethane	2.770	94	31580	21.589	ug/L	98
8) Chloroethane	2.910	64	27595	22.189	ug/L	99
9) Trichlorofluoromethane	3.245	101	31924	16.660	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71735	26.249	ug/L	99
12) 1,1-Dichloroethene	4.032	96	62744	25.041	ug/L	91
13) Acetone	4.123	43	41665	57.503	ug/L	98
14) Carbon disulfide	4.373	76	187602	23.018	ug/L	98
15) Methyl Acetate	4.672	43	37163	27.619	ug/L	100
16) Methylene chloride	4.910	84	75000	21.648	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	67698	25.751	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	101269	27.342	ug/L	99
19) 1,1-Dichloroethane	6.214	63	143693	26.662	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	73880	27.037	ug/L	95
22) 2-Butanone	7.171	43	53537	59.028	ug/L	96
23) Bromochloromethane	7.513	128	32663	27.254	ug/L	99
25) Chloroform	7.671	83	143558	27.400	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	100300	27.989	ug/L	99
29) Cyclohexane	7.952	56	129126	25.720	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	110460	25.929	ug/L	99
31) Carbon tetrachloride	8.068	117	97411	26.008	ug/L	98
33) Benzene	8.324	78	316228	25.890	ug/L	100
34) Trichloroethene	9.092	95	75930	25.234	ug/L	96
35) Methylcyclohexane	9.336	83	130724	25.386	ug/L	99
37) 1,2-Dichloropropane	9.366	63	83631	26.440	ug/L	99
38) Bromodichloromethane	9.646	83	101747	26.830	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	118185	27.082	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	108511	57.158	ug/L	99
42) Toluene	10.390	91	330790	27.000	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	105989	27.550	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	55827	27.489	ug/L	98
46) Tetrachloroethene	10.860	164	55379	25.623	ug/L	92
48) 2-Hexanone	10.969	43	84135	60.404	ug/L	98
49) Dibromochloromethane	11.128	129	62582	27.971	ug/L	95
50) 1,2-Dibromoethane	11.232	107	48809	26.165	ug/L	98
51) Chlorobenzene	11.658	112	199916	26.462	ug/L	99
52) Ethylbenzene	11.731	91	362998	27.323	ug/L	99
53) m,p-Xylene	11.835	106	135576	27.542	ug/L	96
54) o-Xylene	12.164	106	127926	28.141	ug/L	100
55) Styrene	12.177	104	228340	28.728	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	69137	27.461	ug/L	100
59) Bromoform	12.353	173	33224	25.726	ug/L	97
60) Isopropylbenzene	12.463	105	355148	26.247	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	52233	25.719	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	294931	26.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	296676	27.111	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	149099	25.467	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	151656	25.044	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	140714	26.235	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	11301	26.197	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	107941	25.856	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	85355	25.821	ug/L	96
71) Naphthalene	15.365	128	160500	27.006	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	75806	26.110	ug/L	99

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

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