

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020178.D
 Acq On : 24 Sep 2021 08:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Sep 25 00:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	346968	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	332457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172484	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	141903	19.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.897	69	112236	20.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	4.031	63	244315	21.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.920%
21) 2-Butanone-d5	7.086	46	47951	43.777	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.560%
24) Chloroform-d	7.653	84	253689	23.249	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.305	65	135074	23.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	8.274	84	480019	22.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.274	67	138211	22.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	10.323	98	439124	22.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	10.579	79	58717	22.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.520%
47) 2-Hexanone-d5	10.926	63	38879	45.768	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.540%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	109853	23.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	143485	22.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	83713	27.546	ug/L	98
3) Chloromethane	2.221	50	113642	27.043	ug/L	99
5) Vinyl chloride	2.373	62	172669	26.167	ug/L	94
6) Bromomethane	2.788	94	107286	25.150	ug/L	97
8) Chloroethane	2.934	64	102094	25.585	ug/L	98
9) Trichlorofluoromethane	3.269	101	122683	26.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	133041	26.213	ug/L	97
12) 1,1-Dichloroethene	4.044	96	122798	26.687	ug/L	93
13) Acetone	4.141	43	46282	49.335	ug/L	98
14) Carbon disulfide	4.385	76	385757	26.658	ug/L	99
15) Methyl Acetate	4.678	43	44000	24.527	ug/L	99
16) Methylene chloride	4.921	84	128351	20.964	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	127948	26.395	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	138118	24.002	ug/L	99
19) 1,1-Dichloroethane	6.220	63	233503	26.117	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	127853	25.934	ug/L	97
22) 2-Butanone	7.177	43	58255	47.865	ug/L	98
23) Bromochloromethane	7.519	128	57912	25.914	ug/L	94
25) Chloroform	7.677	83	244605	26.162	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	159681	25.952	ug/L	100
29) Cyclohexane	7.964	56	199550	26.975	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	208886	25.356	ug/L	100
31) Carbon tetrachloride	8.073	117	194237	25.914	ug/L	100
33) Benzene	8.329	78	530584	26.445	ug/L	100
34) Trichloroethene	9.091	95	136264	25.370	ug/L	99
35) Methylcyclohexane	9.335	83	234926	26.844	ug/L	98
37) 1,2-Dichloropropane	9.372	63	128961	25.950	ug/L	99
38) Bromodichloromethane	9.646	83	172642	25.654	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	188760	25.752	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	123921	49.511	ug/L	99
42) Toluene	10.390	91	579161	27.170	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	172445	26.192	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91577	25.131	ug/L	98
46) Tetrachloroethene	10.866	164	102692	24.736	ug/L	97
48) 2-Hexanone	10.969	43	89722	51.461	ug/L	100
49) Dibromochloromethane	11.128	129	105948	24.882	ug/L	97
50) 1,2-Dibromoethane	11.237	107	83972	24.486	ug/L	94
51) Chlorobenzene	11.658	112	360913	26.032	ug/L	99
52) Ethylbenzene	11.731	91	634353	27.018	ug/L	98
53) m,p-Xylene	11.841	106	241788	27.012	ug/L	98
54) o-Xylene	12.164	106	223427	26.984	ug/L	98
55) Styrene	12.182	104	396529	27.560	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107031	24.591	ug/L	99
59) Bromoform	12.353	173	56756	24.134	ug/L	99
60) Isopropylbenzene	12.463	105	623536	26.961	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	79077	24.280	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	515346	27.152	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	518306	27.799	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	267216	25.194	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	274815	25.073	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	242852	25.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17184	23.504	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	185775	25.324	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	142688	25.203	ug/L	97
71) Naphthalene	15.365	128	254653	25.503	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131045	25.706	ug/L	98

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

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