

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092221\
 Data File : VW020129.D
 Acq On : 23 Sep 2021 00:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Sep 23 01:28:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 23 01:24:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	330812	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	334767	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	140338	20.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.897	69	116565	22.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	4.031	63	205656	19.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.640%
21) 2-Butanone-d5	7.080	46	64014	61.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.600%
24) Chloroform-d	7.653	84	242813	23.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	8.305	65	143909	25.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.281	84	469069	21.963	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.840%
36) 1,2-Dichloropropane-d6	9.274	67	136142	22.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	10.323	98	424118	21.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	10.579	79	63010	23.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.926	63	54348	63.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.080%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	131128	27.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	150318	22.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	58840	20.307	ug/L	99
3) Chloromethane	2.221	50	89691	22.386	ug/L	99
5) Vinyl chloride	2.367	62	146218	23.241	ug/L	99
6) Bromomethane	2.788	94	98917	24.321	ug/L	99
8) Chloroethane	2.928	64	93218	24.502	ug/L	100
9) Trichlorofluoromethane	3.263	101	83166	18.789	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	104207	21.535	ug/L	98
12) 1,1-Dichloroethene	4.050	96	95031	21.662	ug/L	89
13) Acetone	4.123	43	46070	51.508	ug/L	99
14) Carbon disulfide	4.391	76	305582	22.149	ug/L	100
15) Methyl Acetate	4.672	43	50576	29.569	ug/L	99
16) Methylene chloride	4.921	84	135383	23.193	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	104818	22.679	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	140008	25.519	ug/L	100
19) 1,1-Dichloroethane	6.220	63	195649	22.952	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	115667	24.608	ug/L	96
22) 2-Butanone	7.171	43	69001	59.463	ug/L	99
23) Bromochloromethane	7.519	128	53998	25.343	ug/L	94
25) Chloroform	7.677	83	211670	23.745	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	155988	26.590	ug/L	100
29) Cyclohexane	7.964	56	154069	20.683	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	167457	20.187	ug/L	100
31) Carbon tetrachloride	8.073	117	156125	20.685	ug/L	100
33) Benzene	8.329	78	464780	23.005	ug/L	100
34) Trichloroethene	9.091	95	111805	20.672	ug/L	99
35) Methylcyclohexane	9.335	83	188164	21.352	ug/L	99
37) 1,2-Dichloropropane	9.372	63	116110	23.203	ug/L	99
38) Bromodichloromethane	9.646	83	155490	22.945	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	173339	23.485	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	147489	58.521	ug/L	100
42) Toluene	10.390	91	506975	23.619	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	162243	24.472	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	92330	25.163	ug/L	99
46) Tetrachloroethene	10.866	164	88541	21.180	ug/L	98
48) 2-Hexanone	10.969	43	107319	61.129	ug/L	99
49) Dibromochloromethane	11.128	129	106442	24.825	ug/L	88
50) 1,2-Dibromoethane	11.237	107	88329	25.579	ug/L	97
51) Chlorobenzene	11.658	112	319148	22.861	ug/L	99
52) Ethylbenzene	11.731	91	544619	23.036	ug/L	100
53) m,p-Xylene	11.841	106	209011	23.189	ug/L	97
54) o-Xylene	12.164	106	196844	23.609	ug/L	100
55) Styrene	12.182	104	355205	24.518	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118676	27.078	ug/L	95
59) Bromoform	12.347	173	59135	24.641	ug/L	98
60) Isopropylbenzene	12.463	105	522418	22.136	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89827	27.027	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	447258	23.092	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	453867	23.854	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	245304	22.664	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	250686	22.412	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	230345	23.368	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20544	27.536	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	162868	21.756	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	131866	22.824	ug/L	97
71) Naphthalene	15.365	128	282801	27.754	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	128431	24.688	ug/L	98

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

