

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021195.D
 Acq On : 07 Dec 2021 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Quant Time: Dec 08 02:34:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	115986	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36857	22.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.240%
7) Chloroethane-d5	2.885	69	26676	24.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.019	63	61275	23.735	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.960%
21) 2-Butanone-d5	7.080	46	11510	31.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.460%
24) Chloroform-d	7.647	84	64305	22.138	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	8.305	65	32202	20.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.040%
32) Benzene-d6	8.275	84	119292	21.252	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	9.275	67	32373	20.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	10.323	98	122131	21.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.880%
43) trans-1,3-Dichloroprop...	10.579	79	14239	20.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.400%
47) 2-Hexanone-d5	10.921	63	9757	32.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27763	19.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	50575	21.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	12506	22.074	ug/L	93
3) Chloromethane	2.215	50	35334	27.859	ug/L	97
5) Vinyl chloride	2.361	62	59109	26.827	ug/L	99
6) Bromomethane	2.782	94	37878	25.855	ug/L	99
8) Chloroethane	2.922	64	26974	29.375	ug/L	100
9) Trichlorofluoromethane	3.263	101	33442	31.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41554	24.954	ug/L	90
12) 1,1-Dichloroethene	4.044	96	37800	25.108	ug/L	69
13) Acetone	4.141	43	10641	31.692	ug/L	95
14) Carbon disulfide	4.385	76	105228	25.181	ug/L	100
15) Methyl Acetate	4.672	43	11893	19.535	ug/L	# 89
16) Methylene chloride	4.916	84	37195	20.355	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	40298	25.140	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	53921	22.287	ug/L	93
19) 1,1-Dichloroethane	6.214	63	63212	24.869	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	41800	24.580	ug/L	73
22) 2-Butanone	7.177	43	14655	31.540	ug/L	82
23) Bromochloromethane	7.519	128	19115	24.023	ug/L	# 65
25) Chloroform	7.671	83	72160	25.291	ug/L	98

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

27) 1,2-Dichloroethane	8.403	62	44410	23.794	ug/L	96
29) Cyclohexane	7.958	56	58885	24.314	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	64660	25.261	ug/L	95
31) Carbon tetrachloride	8.067	117	60778	25.553	ug/L	96
33) Benzene	8.323	78	150723	24.143	ug/L	100
34) Trichloroethene	9.092	95	42692	24.788	ug/L	86
35) Methylcyclohexane	9.335	83	71947	24.818	ug/L	85
37) 1,2-Dichloropropane	9.366	63	34084	24.156	ug/L #	96
38) Bromodichloromethane	9.646	83	49403	24.907	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	55848	24.470	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	35806	37.251	ug/L #	94
42) Toluene	10.384	91	176171	24.707	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	48693	23.582	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	27108	22.916	ug/L	95
46) Tetrachloroethene	10.860	164	39978	25.349	ug/L	94
48) 2-Hexanone	10.969	43	25776	37.173	ug/L #	94
49) Dibromochloromethane	11.128	129	35585	24.069	ug/L	92
50) 1,2-Dibromoethane	11.238	107	27178	22.529	ug/L #	100
51) Chlorobenzene	11.658	112	114846	24.105	ug/L	92
52) Ethylbenzene	11.731	91	202225	25.192	ug/L	96
53) m,p-Xylene	11.841	106	82622	24.881	ug/L	95
54) o-Xylene	12.164	106	79691	25.453	ug/L	99
55) Styrene	12.183	104	144101	27.014	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	31338	22.025	ug/L #	94
59) Bromoform	12.347	173	20967	22.635	ug/L	96
60) Isopropylbenzene	12.463	105	240702	26.664	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22841	20.992	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	200912	26.577	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	200262	26.339	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	104141	24.501	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	110682	25.765	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	89829	23.736	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4633	18.856	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	76935	24.628	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	58205	22.675	ug/L	98
71) Naphthalene	15.359	128	90636	18.994	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	50888	22.715	ug/L	96

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

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