

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021134.D
 Acq On : 04 Dec 2021 21:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Dec 06 00:51:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131760	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77761	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	46550	25.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
7) Chloroethane-d5	2.891	69	29316	23.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	4.019	63	84922	28.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	115.840%#
21) 2-Butanone-d5	7.080	46	22065	52.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.400%
24) Chloroform-d	7.653	84	94399	28.608	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.440%
26) 1,2-Dichloroethane-d4	8.305	65	51550	28.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.240%
32) Benzene-d6	8.275	84	175468	25.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.640%
36) 1,2-Dichloropropane-d6	9.274	67	47223	24.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.323	98	174360	24.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.579	79	22292	25.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.320%
47) 2-Hexanone-d5	10.921	63	18705	51.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44019	25.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	79782	28.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	16586	25.771	ug/L	94
3) Chloromethane	2.221	50	30652	21.274	ug/L	98
5) Vinyl chloride	2.361	62	52130	20.827	ug/L	95
6) Bromomethane	2.782	94	28959	17.400	ug/L	100
8) Chloroethane	2.922	64	21167	20.291	ug/L	95
9) Trichlorofluoromethane	3.263	101	33190	27.462	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44766	23.664	ug/L	92
12) 1,1-Dichloroethene	4.044	96	41517	24.276	ug/L	85
13) Acetone	4.123	43	14474	37.947	ug/L	95
14) Carbon disulfide	4.385	76	114320	24.082	ug/L	99
15) Methyl Acetate	4.672	43	15194	21.970	ug/L #	87
16) Methylene chloride	4.922	84	42963	20.697	ug/L	78
17) trans-1,2-Dichloroethene	5.428	96	43182	23.714	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	67891	24.702	ug/L	94
19) 1,1-Dichloroethane	6.220	63	68848	23.844	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	45534	23.570	ug/L	76
22) 2-Butanone	7.171	43	19610	37.151	ug/L	84
23) Bromochloromethane	7.519	128	20900	23.122	ug/L #	68
25) Chloroform	7.677	83	76197	23.509	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50962	24.036	ug/L	97
29) Cyclohexane	7.958	56	64126	21.731	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	67613	21.679	ug/L	94
31) Carbon tetrachloride	8.073	117	63087	21.768	ug/L	97
33) Benzene	8.323	78	161373	21.215	ug/L	100
34) Trichloroethene	9.092	95	44788	21.342	ug/L	91
35) Methylcyclohexane	9.335	83	75329	21.325	ug/L	85
37) 1,2-Dichloropropane	9.366	63	36225	21.070	ug/L #	96
38) Bromodichloromethane	9.646	83	51829	21.445	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	60046	21.592	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46506	39.707	ug/L #	92
42) Toluene	10.384	91	186131	21.423	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	54742	21.758	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30929	21.458	ug/L	94
46) Tetrachloroethene	10.866	164	41052	21.363	ug/L	88
48) 2-Hexanone	10.969	43	32644	38.637	ug/L #	92
49) Dibromochloromethane	11.128	129	37785	20.974	ug/L	99
50) 1,2-Dibromoethane	11.238	107	31645	21.529	ug/L #	94
51) Chlorobenzene	11.658	112	126291	21.754	ug/L	94
52) Ethylbenzene	11.731	91	210939	21.566	ug/L	98
53) m,p-Xylene	11.835	106	85356	21.095	ug/L	90
54) o-Xylene	12.164	106	81151	21.272	ug/L	94
55) Styrene	12.182	104	140801	21.662	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	36920	21.296	ug/L #	94
59) Bromoform	12.353	173	22229	20.045	ug/L	98
60) Isopropylbenzene	12.463	105	232106	21.477	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	28506	21.884	ug/L	91
62) 1,3,5-Trimethylbenzene	12.938	105	208431	23.031	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	202814	22.282	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	114582	22.518	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	115699	22.497	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	101681	22.443	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	8525	28.982	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	86987	23.260	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	73213	23.824	ug/L	96
71) Naphthalene	15.365	128	178956	31.326	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58829	21.935	ug/L	97

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

