

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021698.D
 Acq On : 29 Dec 2021 18:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Dec 30 01:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	80747	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	80532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45194	28.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.560%	
7) Chloroethane-d5	2.885	69	31742	29.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.400%	
11) 1,1-Dichloroethene-d2	4.013	63	57409	24.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.560%	
21) 2-Butanone-d5	7.080	46	13079	56.152	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.300%	
24) Chloroform-d	7.647	84	67469	26.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.000%	
26) 1,2-Dichloroethane-d4	8.305	65	35211	26.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.760%	
32) Benzene-d6	8.275	84	124993	26.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.560%	
36) 1,2-Dichloropropane-d6	9.274	67	33877	26.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.480%	
41) Toluene-d8	10.323	98	123796	25.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.920%	
43) trans-1,3-Dichloroprop...	10.579	79	16951	26.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.400%	
47) 2-Hexanone-d5	10.927	63	10642	54.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.180%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29420	27.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.040%	
66) 1,2-Dichlorobenzene-d4	13.853	152	48427	25.687	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	16262	33.964	ug/L	99
3) Chloromethane	2.215	50	27902	22.562	ug/L	99
5) Vinyl chloride	2.361	62	46116	25.284	ug/L	99
6) Bromomethane	2.776	94	31311	26.383	ug/L	95
8) Chloroethane	2.916	64	22859	26.301	ug/L	97
9) Trichlorofluoromethane	3.251	101	23047	21.001	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32333	24.192	ug/L	89
12) 1,1-Dichloroethene	4.038	96	28505	23.846	ug/L	82
13) Acetone	4.123	43	9990	50.514	ug/L	88
14) Carbon disulfide	4.379	76	84418	24.404	ug/L	100
15) Methyl Acetate	4.672	43	9241	24.490	ug/L	# 87
16) Methylene chloride	4.916	84	31501	21.853	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	30308	24.001	ug/L	78
18) Methyl tert-butyl Ether	5.428	73	40238	22.884	ug/L	94
19) 1,1-Dichloroethane	6.214	63	47075	23.894	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	31928	24.357	ug/L	68
22) 2-Butanone	7.165	43	13122	48.806	ug/L	85
23) Bromochloromethane	7.513	128	15432	24.355	ug/L	# 64
25) Chloroform	7.671	83	54261	23.876	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	34851	23.643	ug/L	96
29) Cyclohexane	7.958	56	42285	22.705	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	50247	23.648	ug/L	94
31) Carbon tetrachloride	8.067	117	50217	24.304	ug/L	100
33) Benzene	8.323	78	115710	23.549	ug/L	100
34) Trichloroethene	9.092	95	31777	22.781	ug/L	85
35) Methylcyclohexane	9.335	83	54658	23.750	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	25707	23.607	ug/L #	95
38) Bromodichloromethane	9.646	83	40933	24.627	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	43081	24.213	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	28741	47.911	ug/L #	92
42) Toluene	10.384	91	135427	23.876	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	38431	24.040	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	21680	23.969	ug/L	94
46) Tetrachloroethene	10.860	164	30504	23.352	ug/L	96
48) 2-Hexanone	10.969	43	20916	51.342	ug/L #	93
49) Dibromochloromethane	11.128	129	29532	24.301	ug/L	99
50) 1,2-Dibromoethane	11.231	107	22331	24.582	ug/L #	96
51) Chlorobenzene	11.658	112	87138	23.809	ug/L	92
52) Ethylbenzene	11.731	91	147546	23.173	ug/L	95
53) m,p-Xylene	11.841	106	58235	22.826	ug/L	91
54) o-Xylene	12.164	106	55178	22.819	ug/L	96
55) Styrene	12.176	104	99530	23.967	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	24832	24.819	ug/L #	98
59) Bromoform	12.347	173	18907	26.278	ug/L	98
60) Isopropylbenzene	12.457	105	149954	21.820	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	17793	23.586	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	134334	23.121	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	129273	22.399	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	72963	22.486	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	74803	23.120	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	66037	23.311	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4045	24.351	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	55412	23.247	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	43157	22.683	ug/L	95
71) Naphthalene	15.365	128	67697	21.868	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	34955	21.825	ug/L	98

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

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