

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021213.D
 Acq On : 07 Dec 2021 18:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: Dec 08 03:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	109993	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	105701	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	2.349	65	40063	26.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.560%	
7) Chloroethane-d5	2.885	69	28803	28.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.320%	
11) 1,1-Dichloroethene-d2	4.019	63	56841	23.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.880%	
21) 2-Butanone-d5	7.074	46	15553	44.494	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.980%	
24) Chloroform-d	7.653	84	69319	25.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.640%	
26) 1,2-Dichloroethane-d4	8.305	65	36350	24.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 96.480%	
32) Benzene-d6	8.275	84	128627	23.800	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.200%	
36) 1,2-Dichloropropane-d6	9.274	67	36354	24.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.800%	
41) Toluene-d8	10.323	98	130052	23.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.880%	
43) trans-1,3-Dichloroprop...	10.579	79	15831	23.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.840%	
47) 2-Hexanone-d5	10.927	63	13156	45.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.560%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34523	24.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	57334	24.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10580	19.692	ug/L	94
3) Chloromethane	2.215	50	30713	25.535	ug/L	99
5) Vinyl chloride	2.355	62	53171	25.447	ug/L	96
6) Bromomethane	2.776	94	32424	23.338	ug/L	97
8) Chloroethane	2.916	64	23397	26.868	ug/L	99
9) Trichlorofluoromethane	3.257	101	24951	24.730	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36294	22.982	ug/L	94
12) 1,1-Dichloroethene	4.038	96	31815	22.284	ug/L	76
13) Acetone	4.123	43	10221	32.100	ug/L	89
14) Carbon disulfide	4.379	76	85523	21.581	ug/L	99
15) Methyl Acetate	4.665	43	11960	20.716	ug/L #	90
16) Methylene chloride	4.915	84	33593	19.385	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	34524	22.711	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	50323	21.933	ug/L	93
19) 1,1-Dichloroethane	6.214	63	54027	22.414	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	36675	22.741	ug/L	76
22) 2-Butanone	7.171	43	15882	36.043	ug/L	87
23) Bromochloromethane	7.513	128	18000	23.855	ug/L #	65
25) Chloroform	7.677	83	62305	23.027	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40518	22.891	ug/L	97
29) Cyclohexane	7.951	56	50705	21.745	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	53970	21.899	ug/L	95
31) Carbon tetrachloride	8.067	117	50977	22.260	ug/L	96
33) Benzene	8.323	78	132171	21.989	ug/L	100
34) Trichloroethene	9.092	95	38065	22.954	ug/L	89
35) Methylcyclohexane	9.335	83	62601	22.427	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	30660	22.568	ug/L #	95
38) Bromodichloromethane	9.646	83	43060	22.547	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	50457	22.961	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36633	39.582	ug/L #	92
42) Toluene	10.390	91	155790	22.692	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	45316	22.793	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	26268	23.062	ug/L	97
46) Tetrachloroethene	10.859	164	35858	23.614	ug/L	98
48) 2-Hexanone	10.969	43	27621	41.371	ug/L #	94
49) Dibromochloromethane	11.128	129	32647	22.934	ug/L	99
50) 1,2-Dibromoethane	11.231	107	26379	22.711	ug/L	99
51) Chlorobenzene	11.658	112	103815	22.630	ug/L	90
52) Ethylbenzene	11.731	91	174543	22.583	ug/L	95
53) m,p-Xylene	11.841	106	73139	22.875	ug/L	87
54) o-Xylene	12.164	106	70581	23.413	ug/L	97
55) Styrene	12.182	104	125339	24.403	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	31930	23.307	ug/L #	95
59) Bromoform	12.347	173	19604	21.164	ug/L #	94
60) Isopropylbenzene	12.463	105	198351	21.973	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23193	21.316	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	172782	22.856	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	171497	22.556	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	91143	21.443	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	95607	22.256	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	85854	22.686	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4873	19.833	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	69625	22.288	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	57030	22.217	ug/L	97
71) Naphthalene	15.365	128	97295	20.389	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	48773	21.771	ug/L	97

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

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