

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021533.D
 Acq On : 21 Dec 2021 18:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Dec 22 01:22:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	106088	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	63566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36435	18.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.440%
7) Chloroethane-d5	2.885	69	27123	21.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.920%
11) 1,1-Dichloroethene-d2	4.019	63	64103	24.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.560%
21) 2-Butanone-d5	7.080	46	17938	65.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.720%
24) Chloroform-d	7.653	84	74397	25.164	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	8.305	65	40722	25.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.560%
32) Benzene-d6	8.275	84	138068	24.578	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.274	67	38692	25.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	10.323	98	137044	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	10.579	79	17443	25.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.560%
47) 2-Hexanone-d5	10.920	63	14864	66.720	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.440%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	36023	27.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	56288	22.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9300	22.689	ug/L	99
3) Chloromethane	2.215	50	29212	21.526	ug/L	95
5) Vinyl chloride	2.361	62	44553	20.913	ug/L	98
6) Bromomethane	2.776	94	26418	19.118	ug/L	98
8) Chloroethane	2.922	64	23025	23.460	ug/L	96
9) Trichlorofluoromethane	3.263	101	31261	27.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	39091	26.685	ug/L	90
12) 1,1-Dichloroethene	4.037	96	33526	25.495	ug/L	85
13) Acetone	4.129	43	14870	60.903	ug/L	91
14) Carbon disulfide	4.385	76	78866	23.224	ug/L	98
15) Methyl Acetate	4.678	43	12863	30.533	ug/L	# 88
16) Methylene chloride	4.915	84	38330	21.866	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	36082	25.342	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	58477	29.737	ug/L	94
19) 1,1-Dichloroethane	6.220	63	60490	27.074	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40212	26.776	ug/L	75
22) 2-Butanone	7.171	43	20592	64.581	ug/L	87
23) Bromochloromethane	7.519	128	19181	27.315	ug/L	# 64
25) Chloroform	7.677	83	69441	26.773	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45087	27.451	ug/L	96
29) Cyclohexane	7.958	56	52447	25.711	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	62625	27.234	ug/L	95
31) Carbon tetrachloride	8.073	117	57113	26.924	ug/L	99
33) Benzene	8.323	78	141063	25.267	ug/L	100
34) Trichloroethene	9.091	95	40028	25.541	ug/L	88
35) Methylcyclohexane	9.335	83	64783	25.059	ug/L	85
37) 1,2-Dichloropropane	9.366	63	33188	26.650	ug/L #	95
38) Bromodichloromethane	9.646	83	47444	27.709	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	54090	27.554	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	41893	61.740	ug/L #	90
42) Toluene	10.390	91	164149	25.139	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	48250	28.062	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	27751	27.227	ug/L	91
46) Tetrachloroethene	10.859	164	38013	25.533	ug/L	97
48) 2-Hexanone	10.969	43	31599	64.217	ug/L #	92
49) Dibromochloromethane	11.128	129	34555	27.500	ug/L	94
50) 1,2-Dibromoethane	11.237	107	27586	27.196	ug/L #	96
51) Chlorobenzene	11.658	112	107415	24.571	ug/L	93
52) Ethylbenzene	11.731	91	183164	24.548	ug/L	97
53) m,p-Xylene	11.841	106	75704	25.150	ug/L	95
54) o-Xylene	12.164	106	70728	24.759	ug/L	91
55) Styrene	12.182	104	123983	25.501	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	33429	28.611	ug/L #	98
59) Bromoform	12.347	173	19125	25.286	ug/L	99
60) Isopropylbenzene	12.463	105	202217	23.412	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23954	25.893	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	173615	23.621	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	168626	23.257	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	93018	22.832	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	93178	23.020	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	84071	23.439	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4872	25.532	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	72594	23.840	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	56351	23.008	ug/L	96
71) Naphthalene	15.365	128	100502	25.258	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	47323	23.380	ug/L	96

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

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