

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021488.D
 Acq On : 18 Dec 2021 20:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Dec 18 23:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	112556	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36279	17.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.800%
7) Chloroethane-d5	2.885	69	24961	18.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.680%
11) 1,1-Dichloroethene-d2	4.019	63	62919	23.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.080%
21) 2-Butanone-d5	7.074	46	24204	83.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.520%#
24) Chloroform-d	7.653	84	75463	24.058	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.305	65	43137	25.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	8.275	84	135425	23.674	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.274	67	38945	25.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	10.323	98	136006	23.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.579	79	18549	26.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.040%
47) 2-Hexanone-d5	10.921	63	20625	90.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.840%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43412	32.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	55680	23.788	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9901	22.767	ug/L	96
3) Chloromethane	2.221	50	29555	20.528	ug/L	99
5) Vinyl chloride	2.361	62	48922	21.645	ug/L	97
6) Bromomethane	2.782	94	27951	19.065	ug/L	96
8) Chloroethane	2.922	64	22032	21.159	ug/L	95
9) Trichlorofluoromethane	3.257	101	31187	26.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42139	27.113	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36333	26.042	ug/L	79
13) Acetone	4.123	43	18392	70.999	ug/L	95
14) Carbon disulfide	4.385	76	86599	24.035	ug/L	98
15) Methyl Acetate	4.666	43	17774	39.766	ug/L	# 88
16) Methylene chloride	4.916	84	39589	21.287	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	37908	25.094	ug/L	87
18) Methyl tert-butyl Ether	5.422	73	66986	32.107	ug/L	93
19) 1,1-Dichloroethane	6.220	63	64517	27.217	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	43429	27.257	ug/L	70
22) 2-Butanone	7.171	43	26135	77.255	ug/L	86
23) Bromochloromethane	7.513	128	20975	28.154	ug/L	# 65
25) Chloroform	7.677	83	74395	27.035	ug/L	99

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

27) 1,2-Dichloroethane	8.397	62	50248	28.835	ug/L	99
29) Cyclohexane	7.958	56	58275	28.054	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	66186	28.266	ug/L	94
31) Carbon tetrachloride	8.073	117	60287	27.910	ug/L	97
33) Benzene	8.323	78	152527	26.829	ug/L	100
34) Trichloroethene	9.092	95	43601	27.321	ug/L	95
35) Methylcyclohexane	9.335	83	72436	27.516	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	35573	28.052	ug/L #	96
38) Bromodichloromethane	9.646	83	52139	29.904	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	59035	29.533	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	57436	83.125	ug/L #	91
42) Toluene	10.384	91	174559	26.253	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	54744	31.267	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	32966	31.762	ug/L	92
46) Tetrachloroethene	10.860	164	39914	26.328	ug/L	98
48) 2-Hexanone	10.963	43	41895	83.611	ug/L #	92
49) Dibromochloromethane	11.128	129	39157	30.603	ug/L	94
50) 1,2-Dibromoethane	11.231	107	34664	33.560	ug/L #	97
51) Chlorobenzene	11.658	112	119573	26.861	ug/L	93
52) Ethylbenzene	11.731	91	200497	26.388	ug/L	100
53) m,p-Xylene	11.841	106	80500	26.263	ug/L	81
54) o-Xylene	12.164	106	78913	27.128	ug/L	90
55) Styrene	12.176	104	132225	26.708	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	41763	35.101	ug/L #	95
59) Bromoform	12.347	173	24643	34.293	ug/L	97
60) Isopropylbenzene	12.463	105	218403	26.613	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	31911	36.305	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	190183	27.234	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	180383	26.185	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	103406	26.714	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	103281	26.855	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	91206	26.764	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7315	40.347	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	77762	26.878	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	60397	25.955	ug/L	97
71) Naphthalene	15.365	128	129536	34.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	55579	28.900	ug/L	96

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

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