

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122721\
 Data File : VW021660.D
 Acq On : 27 Dec 2021 11:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Dec 28 00:37:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	113106	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	112669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43658	21.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
7) Chloroethane-d5	2.885	69	30922	22.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.840%
11) 1,1-Dichloroethene-d2	4.019	63	69425	25.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.120%
21) 2-Butanone-d5	7.086	46	14709	50.656	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
24) Chloroform-d	7.647	84	80968	25.688	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.760%
26) 1,2-Dichloroethane-d4	8.305	65	42195	25.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	152277	24.657	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.275	67	41365	24.975	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	150774	23.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.579	79	19748	25.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.560%
47) 2-Hexanone-d5	10.927	63	13176	53.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34748	24.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	61825	23.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	6796	15.551	ug/L	99
3) Chloromethane	2.215	50	27519	19.020	ug/L	98
5) Vinyl chloride	2.361	62	43631	19.210	ug/L	96
6) Bromomethane	2.782	94	27204	18.466	ug/L	93
8) Chloroethane	2.922	64	22210	21.226	ug/L	98
9) Trichlorofluoromethane	3.257	101	34975	29.184	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37859	24.240	ug/L	91
12) 1,1-Dichloroethene	4.044	96	33175	23.663	ug/L	78
13) Acetone	4.147	43	11529	44.289	ug/L	98
14) Carbon disulfide	4.379	76	71266	19.684	ug/L	100
15) Methyl Acetate	4.678	43	11017	24.529	ug/L	# 88
16) Methylene chloride	4.916	84	38089	20.381	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35086	23.113	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	54730	26.105	ug/L	94
19) 1,1-Dichloroethane	6.220	63	60300	25.314	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	39100	24.420	ug/L	76
22) 2-Butanone	7.177	43	15862	46.660	ug/L	87
23) Bromochloromethane	7.519	128	18195	24.303	ug/L	# 62
25) Chloroform	7.677	83	68878	24.909	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43876	25.056	ug/L	99
29) Cyclohexane	7.958	56	50955	22.722	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	63281	25.032	ug/L	95
31) Carbon tetrachloride	8.067	117	58365	25.028	ug/L	98
33) Benzene	8.323	78	141573	23.066	ug/L	100
34) Trichloroethene	9.092	95	39986	23.208	ug/L	85
35) Methylcyclohexane	9.336	83	63846	22.464	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	33596	24.540	ug/L #	95
38) Bromodichloromethane	9.646	83	49356	26.220	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	55125	25.543	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	35390	47.442	ug/L #	91
42) Toluene	10.384	91	166333	23.172	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	48744	25.787	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27978	24.968	ug/L	94
46) Tetrachloroethene	10.860	164	38255	23.373	ug/L	95
48) 2-Hexanone	10.969	43	25754	47.608	ug/L #	91
49) Dibromochloromethane	11.128	129	37147	26.891	ug/L	98
50) 1,2-Dibromoethane	11.238	107	26866	24.092	ug/L #	94
51) Chlorobenzene	11.652	112	111483	23.197	ug/L	93
52) Ethylbenzene	11.731	91	193770	23.622	ug/L	98
53) m,p-Xylene	11.841	106	77532	23.429	ug/L	88
54) o-Xylene	12.164	106	71539	22.779	ug/L	90
55) Styrene	12.183	104	126878	23.738	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	31421	24.461	ug/L #	99
59) Bromoform	12.347	173	20315	25.021	ug/L	96
60) Isopropylbenzene	12.463	105	216990	23.403	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22193	22.347	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	178342	22.604	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	175383	22.534	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	94406	21.587	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	94182	21.675	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	88217	22.912	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4314	21.060	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.621	180	71524	21.881	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	55324	21.043	ug/L	96
71) Naphthalene	15.359	128	87396	20.461	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	45397	20.893	ug/L	97

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

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