

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011222\
 Data File : VW021855.D
 Acq On : 12 Jan 2022 09:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Jan 12 23:46:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	149521	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	145858	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60638	21.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
7) Chloroethane-d5	2.885	69	43168	17.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	4.025	63	107198	24.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.720%
21) 2-Butanone-d5	7.086	46	19979	50.933	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.860%
24) Chloroform-d	7.653	84	111096	22.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.305	65	52500	22.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.275	84	221740	23.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.274	67	58562	23.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.323	98	226290	23.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	10.579	79	24900	23.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	10.927	63	17951	53.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	44654	22.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	81855	24.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9171	15.559	ug/L	99
3) Chloromethane	2.215	50	44216	20.689	ug/L	99
5) Vinyl chloride	2.367	62	63288	20.614	ug/L	96
6) Bromomethane	2.788	94	42907	19.765	ug/L	100
8) Chloroethane	2.922	64	32368	17.445	ug/L	98
9) Trichlorofluoromethane	3.269	101	54550	23.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	57898	23.314	ug/L	88
12) 1,1-Dichloroethene	4.044	96	52958	23.729	ug/L	81
13) Acetone	4.147	43	14129	43.598	ug/L	90
14) Carbon disulfide	4.385	76	133639	22.871	ug/L	99
15) Methyl Acetate	4.678	43	15591	23.803	ug/L	# 88
16) Methylene chloride	4.921	84	52174	20.389	ug/L	82
17) trans-1,2-Dichloroethene	5.434	96	54774	22.713	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	75813	24.652	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	84255	23.823	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	59373	23.932	ug/L	65
22) 2-Butanone	7.183	43	21027	50.761	ug/L	83
23) Bromochloromethane	7.512	128	28247	22.883	ug/L	# 59
25) Chloroform	7.677	83	95119	22.731	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	56023	23.119	ug/L #	95
29) Cyclohexane	7.958	56	80527	24.679	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	90496	23.936	ug/L #	91
31) Carbon tetrachloride	8.073	117	86765	23.682	ug/L	99
33) Benzene	8.323	78	207077	23.153	ug/L	100
34) Trichloroethene	9.091	95	60111	23.166	ug/L	85
35) Methylcyclohexane	9.335	83	102688	24.065	ug/L #	80
37) 1,2-Dichloropropane	9.372	63	46671	23.953	ug/L #	95
38) Bromodichloromethane	9.646	83	61760	22.706	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	74732	24.684	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	43682	47.725	ug/L #	85
42) Toluene	10.390	91	240659	23.991	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	62711	24.748	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37453	22.640	ug/L	94
46) Tetrachloroethene	10.866	164	60624	23.627	ug/L	90
48) 2-Hexanone	10.969	43	31513	50.320	ug/L #	87
49) Dibromochloromethane	11.128	129	48121	23.086	ug/L	99
50) 1,2-Dibromoethane	11.237	107	39034	23.771	ug/L #	97
51) Chlorobenzene	11.658	112	163036	23.019	ug/L	89
52) Ethylbenzene	11.731	91	264300	23.718	ug/L	97
53) m,p-Xylene	11.841	106	112757	24.199	ug/L	86
54) o-Xylene	12.164	106	106427	24.603	ug/L	90
55) Styrene	12.182	104	169889	23.788	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	39788	22.354	ug/L #	94
59) Bromoform	12.347	173	26579	24.140	ug/L	99
60) Isopropylbenzene	12.463	105	287539	26.147	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	28709	24.876	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	244844	26.886	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	238882	26.597	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	136428	24.675	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	135068	24.741	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	120728	24.939	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	5443	24.422	ug/L #	49
69) 1,3,5-Trichlorobenzene	14.627	180	100296	24.406	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	79964	24.421	ug/L	97
71) Naphthalene	15.365	128	139635	27.644	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	63663	23.544	ug/L	99

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

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