

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019967.D
 Acq On : 31 Aug 2021 18:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Sep 01 01:07:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	292105	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	283271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	146988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	95668	21.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	2.897	69	92673	23.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	4.031	63	158261	20.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.600%
21) 2-Butanone-d5	7.086	46	49074	53.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
24) Chloroform-d	7.653	84	192242	23.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	8.311	65	103067	23.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.281	84	364918	22.594	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.274	67	111876	22.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	330497	22.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.579	79	45618	22.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.926	63	36100	52.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	105142	26.412	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	114326	22.675	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	61191	21.376	ug/L	98
3) Chloromethane	2.221	50	83442	23.422	ug/L	98
5) Vinyl chloride	2.373	62	134094	25.381	ug/L	97
6) Bromomethane	2.794	94	98886	25.223	ug/L	99
8) Chloroethane	2.934	64	89707	25.901	ug/L	94
9) Trichlorofluoromethane	3.269	101	65551	19.290	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	96969	24.041	ug/L #	68
12) 1,1-Dichloroethene	4.050	96	90905	22.982	ug/L	97
13) Acetone	4.135	43	33073	42.143	ug/L	86
14) Carbon disulfide	4.397	76	284623	22.497	ug/L	99
15) Methyl Acetate	4.678	43	41970	25.692	ug/L	99
16) Methylene chloride	4.921	84	108229	21.588	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	100765	24.250	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	124859	26.104	ug/L	96
19) 1,1-Dichloroethane	6.226	63	186167	25.275	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	107501	25.559	ug/L	98
22) 2-Butanone	7.177	43	53729	52.834	ug/L	98
23) Bromochloromethane	7.519	128	49492	26.293	ug/L	92
25) Chloroform	7.677	83	195102	25.603	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	128952	25.941	ug/L	98
29) Cyclohexane	7.964	56	149728	22.508	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	152067	24.020	ug/L	99
31) Carbon tetrachloride	8.073	117	141042	23.899	ug/L	98
33) Benzene	8.329	78	430652	24.771	ug/L	100
34) Trichloroethene	9.091	95	107581	23.803	ug/L	93
35) Methylcyclohexane	9.335	83	178127	22.977	ug/L	98
37) 1,2-Dichloropropane	9.372	63	108613	25.225	ug/L	100
38) Bromodichloromethane	9.646	83	139376	24.987	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	153695	24.240	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	125730	54.914	ug/L	97
42) Toluene	10.390	91	467163	25.366	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	138834	24.876	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	83231	26.700	ug/L	99
46) Tetrachloroethene	10.865	164	81161	23.706	ug/L	90
48) 2-Hexanone	10.969	43	84888	53.261	ug/L	95
49) Dibromochloromethane	11.134	129	93585	26.245	ug/L	98
50) 1,2-Dibromoethane	11.237	107	75501	25.787	ug/L	96
51) Chlorobenzene	11.658	112	294360	25.166	ug/L	98
52) Ethylbenzene	11.731	91	497209	25.077	ug/L	98
53) m,p-Xylene	11.841	106	192785	25.319	ug/L	98
54) o-Xylene	12.164	106	183000	25.408	ug/L	96
55) Styrene	12.182	104	303253	24.641	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	104132	27.240	ug/L	99
59) Bromoform	12.353	173	51307	26.290	ug/L	99
60) Isopropylbenzene	12.463	105	487863	24.496	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	74474	25.842	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	406620	25.579	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	410603	25.483	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	221948	24.995	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	226743	24.843	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	200978	24.925	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16163	25.727	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	148248	24.230	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	120306	25.590	ug/L	98
71) Naphthalene	15.365	128	261990	27.941	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	115292	26.484	ug/L	99

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

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