

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080621\
 Data File : VW019695.D
 Acq On : 06 Aug 2021 10:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Aug 07 00:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440142	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	410045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	216862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122463	19.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
7) Chloroethane-d5	2.892	69	100638	22.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	4.026	63	278253	23.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.480%
21) 2-Butanone-d5	7.074	46	104020	57.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.940%
24) Chloroform-d	7.653	84	311533	25.616	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	8.305	65	173708	26.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.120%
32) Benzene-d6	8.275	84	566494	23.209	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.275	67	178712	23.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	10.323	98	515358	23.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	10.579	79	79209	24.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.240%
47) 2-Hexanone-d5	10.927	63	81015	57.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.800%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169935	27.644	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	187115	24.455	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	122346	23.335	ug/L	98
3) Chloromethane	2.215	50	115686	21.502	ug/L	100
5) Vinyl chloride	2.367	62	174483	23.563	ug/L	97
6) Bromomethane	2.782	94	105660	25.806	ug/L	97
8) Chloroethane	2.928	64	97996	24.863	ug/L	97
9) Trichlorofluoromethane	3.264	101	141577	31.473	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	152259	26.461	ug/L	97
12) 1,1-Dichloroethene	4.044	96	146263	25.454	ug/L	96
13) Acetone	4.123	43	90009	67.487	ug/L	92
14) Carbon disulfide	4.385	76	428346	23.279	ug/L	99
15) Methyl Acetate	4.672	43	75361	25.388	ug/L	98
16) Methylene chloride	4.922	84	185921	21.189	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	154755	24.766	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	225956	26.173	ug/L	98
19) 1,1-Dichloroethane	6.214	63	289150	25.203	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	163640	24.760	ug/L	93
22) 2-Butanone	7.171	43	110024	53.314	ug/L	99
23) Bromochloromethane	7.513	128	74639	25.076	ug/L	97
25) Chloroform	7.677	83	297471	26.212	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	205357	26.895	ug/L	100
29) Cyclohexane	7.958	56	252495	24.012	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	241005	28.478	ug/L	100
31) Carbon tetrachloride	8.068	117	218389	27.736	ug/L	99
33) Benzene	8.324	78	646495	25.189	ug/L	100
34) Trichloroethene	9.092	95	165886	25.324	ug/L	94
35) Methylcyclohexane	9.336	83	293829	25.348	ug/L	97
37) 1,2-Dichloropropane	9.372	63	161462	24.825	ug/L	98
38) Bromodichloromethane	9.646	83	214233	26.563	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	252897	25.425	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	209928	51.138	ug/L	97
42) Toluene	10.390	91	697483	26.073	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	227024	25.948	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	123574	25.535	ug/L	97
46) Tetrachloroethene	10.866	164	127825	25.603	ug/L	96
48) 2-Hexanone	10.969	43	169065	60.468	ug/L	98
49) Dibromochloromethane	11.128	129	139415	26.788	ug/L	99
50) 1,2-Dibromoethane	11.238	107	117624	25.340	ug/L	99
51) Chlorobenzene	11.658	112	432614	25.718	ug/L	99
52) Ethylbenzene	11.731	91	768895	26.402	ug/L	97
53) m,p-Xylene	11.841	106	295267	26.828	ug/L	97
54) o-Xylene	12.164	106	277750	26.706	ug/L	96
55) Styrene	12.183	104	486426	26.993	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	155456	26.084	ug/L	99
59) Bromoform	12.347	173	77955	25.184	ug/L	99
60) Isopropylbenzene	12.463	105	758944	26.040	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	119196	25.091	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	640251	26.237	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	640441	26.047	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	333027	24.970	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	342254	25.970	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	303531	25.262	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	27599	26.623	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	244613	25.101	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	199861	24.530	ug/L	98
71) Naphthalene	15.365	128	420341	25.544	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	178558	24.472	ug/L	99

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

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