

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
 Data File : VW019738.D
 Acq On : 13 Aug 2021 16:33
 Operator : SY/VA
 Sample : M3365-15MS
 Misc : 6.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBKCOMS

Quant Time: Aug 14 01:19:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	234244	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	216435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	105361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	69486	25.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.600%
7) Chloroethane-d5	2.897	69	77824	28.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.120%
11) 1,1-Dichloroethene-d2	4.031	63	132292	23.505	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.040%
21) 2-Butanone-d5	7.080	46	55764	62.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.840%
24) Chloroform-d	7.653	84	184633	26.072	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.311	65	106114	25.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.960%
32) Benzene-d6	8.281	84	319710	22.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.274	67	107761	24.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.329	98	265863	20.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.360%
43) trans-1,3-Dichloroprop...	10.579	79	43489	24.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.720%
47) 2-Hexanone-d5	10.927	63	43950	58.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	104526	27.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	95916	24.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	62051	24.195	ug/L	99
3) Chloromethane	2.221	50	86872	33.479	ug/L	96
5) Vinyl chloride	2.373	62	115607	33.069	ug/L	99
6) Bromomethane	2.788	94	80796	29.503	ug/L	100
8) Chloroethane	2.934	64	78975	33.595	ug/L	98
9) Trichlorofluoromethane	3.263	101	66074	30.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	85111	29.510	ug/L #	85
12) 1,1-Dichloroethene	4.050	96	80781	28.779	ug/L	96
13) Acetone	4.129	43	36275	49.402	ug/L	87
14) Carbon disulfide	4.397	76	211918	26.518	ug/L	100
15) Methyl Acetate	4.678	43	39969	29.106	ug/L	99
16) Methylene chloride	4.928	84	93598	23.910	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	88962	28.994	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	118578	26.598	ug/L	98
19) 1,1-Dichloroethane	6.220	63	171057	26.528	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	98399	28.299	ug/L	99
22) 2-Butanone	7.171	43	55658	56.665	ug/L	98
23) Bromochloromethane	7.519	128	45010	27.975	ug/L	96
25) Chloroform	7.677	83	176618	26.741	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	123074	26.678	ug/L	98
29) Cyclohexane	7.964	56	127483	23.769	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	135523	24.457	ug/L	98
31) Carbon tetrachloride	8.073	117	123937	24.234	ug/L	99
33) Benzene	8.323	78	379009	25.269	ug/L	100
34) Trichloroethene	9.098	95	94206	25.332	ug/L	95
35) Methylcyclohexane	9.335	83	143161	23.264	ug/L	98
37) 1,2-Dichloropropane	9.372	63	98522	26.283	ug/L	99
38) Bromodichloromethane	9.646	83	126469	26.636	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	142174	24.858	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	121140	52.585	ug/L	98
42) Toluene	10.390	91	398771	25.324	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	130779	26.112	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	76333	27.533	ug/L	98
46) Tetrachloroethene	10.866	164	64947	23.227	ug/L	87
48) 2-Hexanone	10.969	43	87736	55.360	ug/L	99
49) Dibromochloromethane	11.128	129	82381	26.817	ug/L	99
50) 1,2-Dibromoethane	11.237	107	70405	26.685	ug/L	97
51) Chlorobenzene	11.658	112	241536	25.083	ug/L	98
52) Ethylbenzene	11.731	91	409396	24.806	ug/L	97
53) m,p-Xylene	11.841	106	159878	25.445	ug/L	99
54) o-Xylene	12.164	106	149662	24.682	ug/L	98
55) Styrene	12.182	104	265264	25.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	92142	26.120	ug/L	96
59) Bromoform	12.347	173	43276	27.022	ug/L	97
60) Isopropylbenzene	12.463	105	393792	27.331	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	67693	28.409	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	319014	26.587	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	326013	26.046	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	170475	24.433	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	172362	24.505	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	157043	25.641	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14604	31.409	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	115686	25.955	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	89776	23.921	ug/L	96
71) Naphthalene	15.365	128	204509	28.035	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	88556	26.677	ug/L	95

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

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