

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019748.D
 Acq On : 16 Aug 2021 12:44
 Operator : SY/VA
 Sample : M3365-15MS
 Misc : 3.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBKCOMS

Quant Time: Aug 17 01:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 17 01:50:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	311325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	288717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	91779	25.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.000%
7) Chloroethane-d5	2.891	69	104871	29.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.760%
11) 1,1-Dichloroethene-d2	4.025	63	168435	22.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.086	46	56775	47.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.640%
24) Chloroform-d	7.653	84	240814	25.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.360%
26) 1,2-Dichloroethane-d4	8.311	65	127790	23.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.281	84	415751	21.749	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	9.274	67	138218	24.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.323	98	357810	20.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.579	79	52774	22.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.920%
47) 2-Hexanone-d5	10.927	63	46833	46.421	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	114494	22.944	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	118507	23.829	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	62645	18.379	ug/L	94
3) Chloromethane	2.221	50	87962	25.506	ug/L	99
5) Vinyl chloride	2.367	62	133127	28.652	ug/L	98
6) Bromomethane	2.788	94	101762	27.958	ug/L	98
8) Chloroethane	2.934	64	95310	30.506	ug/L	98
9) Trichlorofluoromethane	3.269	101	87380	30.379	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	100540	26.229	ug/L	94
12) 1,1-Dichloroethene	4.044	96	96156	25.775	ug/L	92
13) Acetone	4.141	43	36119	37.011	ug/L	90
14) Carbon disulfide	4.391	76	259469	24.429	ug/L	100
15) Methyl Acetate	4.678	43	38854	21.288	ug/L	99
16) Methylene chloride	4.922	84	138997	26.716	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	104429	25.608	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	128270	21.649	ug/L	98
19) 1,1-Dichloroethane	6.220	63	199758	23.309	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	114430	24.761	ug/L	99
22) 2-Butanone	7.183	43	49720	38.087	ug/L	98
23) Bromochloromethane	7.519	128	50556	23.642	ug/L	93
25) Chloroform	7.677	83	212124	24.165	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	134794	21.985	ug/L	96
29) Cyclohexane	7.964	56	153052	21.392	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	166767	22.561	ug/L	99
31) Carbon tetrachloride	8.073	117	150673	22.086	ug/L	99
33) Benzene	8.323	78	451076	22.544	ug/L	100
34) Trichloroethene	9.092	95	113004	22.780	ug/L	93
35) Methylcyclohexane	9.335	83	175344	21.360	ug/L	98
37) 1,2-Dichloropropane	9.372	63	114896	22.977	ug/L	99
38) Bromodichloromethane	9.646	83	148988	23.523	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	169084	22.162	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	115494	37.583	ug/L	99
42) Toluene	10.390	91	484524	23.066	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	147705	22.108	ug/L	94
45) 1,1,2-Trichloroethane	10.792	97	81858	22.134	ug/L	99
46) Tetrachloroethene	10.866	164	82672	22.164	ug/L	99
48) 2-Hexanone	10.969	43	79562	37.634	ug/L	97
49) Dibromochloromethane	11.128	129	92687	22.618	ug/L	99
50) 1,2-Dibromoethane	11.237	107	73784	20.965	ug/L	95
51) Chlorobenzene	11.658	112	293102	22.818	ug/L	97
52) Ethylbenzene	11.731	91	505211	22.948	ug/L	99
53) m,p-Xylene	11.841	106	195109	23.278	ug/L	99
54) o-Xylene	12.164	106	183616	22.700	ug/L	95
55) Styrene	12.182	104	317906	22.886	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	93256	19.817	ug/L	99
59) Bromoform	12.347	173	47191	23.025	ug/L	100
60) Isopropylbenzene	12.463	105	488754	26.506	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	67954	22.284	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	396377	25.813	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	394497	24.627	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	201227	22.535	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	204173	22.681	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	182730	23.312	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	13690	23.006	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	123113	21.582	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	92560	19.271	ug/L	99
71) Naphthalene	15.365	128	187219	20.054	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	83687	19.698	ug/L	97

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

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