

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020094.D
 Acq On : 21 Sep 2021 15:53
 Operator : SY/VA
 Sample : M3813-06MSD
 Misc : 4.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T0MSD

Quant Time: Sep 22 05:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	388632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	361502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	183570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	160541	20.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.760%
7) Chloroethane-d5	2.897	69	130676	21.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	4.031	63	274742	22.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.086	46	70928	57.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.620%
24) Chloroform-d	7.653	84	283667	23.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	8.311	65	163264	24.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.280%
32) Benzene-d6	8.281	84	541533	23.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.280	67	157936	23.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.640%
41) Toluene-d8	10.323	98	503766	24.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.040%
43) trans-1,3-Dichloroprop...	10.579	79	76623	26.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.440%
47) 2-Hexanone-d5	10.926	63	61998	67.120	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.240%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	145598	28.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	164309	23.871	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	90097	26.469	ug/L	93
3) Chloromethane	2.221	50	121572	25.829	ug/L	99
5) Vinyl chloride	2.373	62	179055	24.226	ug/L	97
6) Bromomethane	2.788	94	102298	21.410	ug/L	100
8) Chloroethane	2.934	64	109049	24.399	ug/L	97
9) Trichlorofluoromethane	3.269	101	124498	23.942	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	129667	22.810	ug/L	96
12) 1,1-Dichloroethene	4.050	96	126078	24.463	ug/L	89
13) Acetone	4.135	43	63094	60.046	ug/L	93
14) Carbon disulfide	4.391	76	395543	24.404	ug/L	100
15) Methyl Acetate	4.678	43	53246	26.499	ug/L #	80
16) Methylene chloride	4.921	84	147595	21.523	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	133055	24.506	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	181163	28.107	ug/L	99
19) 1,1-Dichloroethane	6.220	63	241785	24.144	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	140548	25.453	ug/L	100
22) 2-Butanone	7.177	43	72884	53.465	ug/L	97
23) Bromochloromethane	7.519	128	64324	25.698	ug/L	96
25) Chloroform	7.683	83	253682	24.224	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	178403	25.887	ug/L	100
29) Cyclohexane	7.964	56	201823	25.090	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	209257	23.360	ug/L	99
31) Carbon tetrachloride	8.073	117	192617	23.633	ug/L	100
33) Benzene	8.329	78	548074	25.121	ug/L	100
34) Trichloroethene	9.098	95	139134	23.823	ug/L	98
35) Methylcyclohexane	9.341	83	223860	23.524	ug/L	99
37) 1,2-Dichloropropane	9.372	63	136319	25.226	ug/L	100
38) Bromodichloromethane	9.646	83	182908	24.995	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	213161	26.744	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	172488	63.378	ug/L	99
42) Toluene	10.390	91	623557	26.902	ug/L	93
44) trans-1,3-Dichloropropene	10.609	75	200493	28.005	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	107472	27.123	ug/L	99
46) Tetrachloroethene	10.866	164	102700	22.751	ug/L	99
48) 2-Hexanone	10.969	43	124436	65.637	ug/L	99
49) Dibromochloromethane	11.128	129	123122	26.592	ug/L	93
50) 1,2-Dibromoethane	11.237	107	102427	27.468	ug/L	98
51) Chlorobenzene	11.658	112	369564	24.515	ug/L	99
52) Ethylbenzene	11.731	91	639452	25.047	ug/L	100
53) m,p-Xylene	11.841	106	244822	25.154	ug/L	96
54) o-Xylene	12.164	106	231528	25.716	ug/L	100
55) Styrene	12.182	104	404245	25.839	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	134789	28.480	ug/L	98
59) Bromoform	12.353	173	71197	28.446	ug/L	97
60) Isopropylbenzene	12.463	105	645035	26.207	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100528	29.002	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	519186	25.702	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	516342	26.021	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	273691	24.247	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	287226	24.622	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	254946	24.799	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	23877	30.686	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	171352	21.947	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	144507	23.983	ug/L	94
71) Naphthalene	15.365	128	332084	31.250	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133474	24.601	ug/L	98

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

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