

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020544.D
 Acq On : 15 Oct 2021 19:23
 Operator : SY/VA
 Sample : M4213-03MSD
 Misc : 3.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MSD

Quant Time: Oct 16 06:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	131720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	37963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	65751	26.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
7) Chloroethane-d5	2.879	69	38895	29.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.680%
11) 1,1-Dichloroethene-d2	4.013	63	129159	25.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.720%
21) 2-Butanone-d5	7.086	46	28634	37.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.180%
24) Chloroform-d	7.653	84	146528	26.723	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.311	65	78445	25.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.275	84	263174	30.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.480%
36) 1,2-Dichloropropane-d6	9.274	67	86816	30.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.960%#
41) Toluene-d8	10.323	98	219373	28.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.880%
43) trans-1,3-Dichloroprop...	10.579	79	28298	24.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.927	63	19427	44.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50941	23.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	33545	22.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	29259	26.322	ug/L	98
3) Chloromethane	2.209	50	60514	26.182	ug/L	98
5) Vinyl chloride	2.355	62	80541	24.776	ug/L	99
6) Bromomethane	2.770	94	30909	21.891	ug/L	92
8) Chloroethane	2.910	64	32683	27.228	ug/L	95
9) Trichlorofluoromethane	3.251	101	45807	24.766	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	60017	22.753	ug/L	99
12) 1,1-Dichloroethene	4.032	96	60132	24.863	ug/L #	83
13) Acetone	4.135	43	36868	52.717	ug/L	100
14) Carbon disulfide	4.385	76	131329	16.694	ug/L	99
15) Methyl Acetate	4.678	43	25772	19.844	ug/L	98
16) Methylene chloride	4.915	84	86043	25.731	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	59357	23.392	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	94435	26.415	ug/L	98
19) 1,1-Dichloroethane	6.214	63	136952	26.327	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	65103	24.684	ug/L	96
22) 2-Butanone	7.177	43	45190	51.620	ug/L	95
23) Bromochloromethane	7.513	128	28016	24.219	ug/L	96
25) Chloroform	7.677	83	130491	25.804	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	86325	24.958	ug/L	99
29) Cyclohexane	7.958	56	93775	24.317	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	101414	30.992	ug/L	99
31) Carbon tetrachloride	8.067	117	81642	28.378	ug/L	99
33) Benzene	8.323	78	285349	30.415	ug/L	100
34) Trichloroethene	9.092	95	62242	26.929	ug/L	95
35) Methylcyclohexane	9.335	83	67014	16.943	ug/L	99
37) 1,2-Dichloropropane	9.372	63	73808	30.379	ug/L	99
38) Bromodichloromethane	9.646	83	84783	29.105	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	85222	25.423	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	85925	58.924	ug/L	99
42) Toluene	10.390	91	267591	28.435	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	74291	25.140	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	43819	28.090	ug/L	98
46) Tetrachloroethene	10.866	164	38779	23.359	ug/L	97
48) 2-Hexanone	10.969	43	69284	64.758	ug/L	91
49) Dibromochloromethane	11.128	129	46164	26.861	ug/L	100
50) 1,2-Dibromoethane	11.238	107	36688	25.604	ug/L	98
51) Chlorobenzene	11.658	112	132189	22.779	ug/L	98
52) Ethylbenzene	11.731	91	254160	24.906	ug/L	97
53) m,p-Xylene	11.841	106	88815	23.490	ug/L	95
54) o-Xylene	12.164	106	85892	24.598	ug/L	100
55) Styrene	12.182	104	131684	21.569	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	44597	23.061	ug/L	97
59) Bromoform	12.347	173	20966	39.423	ug/L	97
60) Isopropylbenzene	12.463	105	208209	37.367	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	35435	42.369	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	144163	31.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	141295	31.355	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	57338	23.783	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	57689	23.134	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	51392	23.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6026	33.921	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	22018	12.808	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	12894	9.472	ug/L	98
71) Naphthalene	15.365	128	26841	10.967	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10630	8.891	ug/L	99

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

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