

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020531.D
 Acq On : 15 Oct 2021 14:10
 Operator : SY/VA
 Sample : M4210-14MS
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE4MS

Quant Time: Oct 16 06:57:01 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	207609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	180318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71946	23.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.280%
7) Chloroethane-d5	2.879	69	42622	26.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	4.019	63	145640	23.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.086	46	41651	45.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.600%
24) Chloroform-d	7.653	84	164881	24.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	8.305	65	89037	23.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.240%
32) Benzene-d6	8.275	84	311612	26.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.274	67	100403	25.973	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	10.323	98	275101	25.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	10.579	79	37739	24.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.927	63	28763	48.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.740%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	67282	23.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	66446	22.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32292	24.070	ug/L	97
3) Chloromethane	2.209	50	65561	23.503	ug/L	96
5) Vinyl chloride	2.355	62	90397	23.040	ug/L	99
6) Bromomethane	2.769	94	37144	21.797	ug/L	97
8) Chloroethane	2.916	64	36284	25.045	ug/L	97
9) Trichlorofluoromethane	3.251	101	48797	21.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	73629	23.127	ug/L	100
12) 1,1-Dichloroethene	4.037	96	68770	23.560	ug/L	93
13) Acetone	4.135	43	35579	42.152	ug/L	99
14) Carbon disulfide	4.379	76	206751	21.776	ug/L	99
15) Methyl Acetate	4.678	43	30816	19.659	ug/L	99
16) Methylene chloride	4.909	84	89399	22.151	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	72665	23.727	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	107848	24.995	ug/L	99
19) 1,1-Dichloroethane	6.214	63	153691	24.480	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	78229	24.575	ug/L	95
22) 2-Butanone	7.177	43	46580	44.086	ug/L	99
23) Bromochloromethane	7.519	128	32657	23.391	ug/L	98
25) Chloroform	7.677	83	148428	24.319	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	98135	23.508	ug/L	99
29) Cyclohexane	7.958	56	133832	25.351	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116913	26.099	ug/L	99
31) Carbon tetrachloride	8.073	117	100402	25.493	ug/L	100
33) Benzene	8.323	78	334997	26.083	ug/L	100
34) Trichloroethene	9.091	95	77982	24.646	ug/L	94
35) Methylcyclohexane	9.335	83	121847	22.503	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85879	25.821	ug/L	99
38) Bromodichloromethane	9.646	83	101551	25.466	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	115833	25.242	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	98207	49.196	ug/L	99
42) Toluene	10.390	91	335399	26.035	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	100199	24.769	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	51936	24.320	ug/L	99
46) Tetrachloroethene	10.866	164	55141	24.263	ug/L	93
48) 2-Hexanone	10.969	43	68185	46.554	ug/L	99
49) Dibromochloromethane	11.128	129	57733	24.539	ug/L	96
50) 1,2-Dibromoethane	11.237	107	45313	23.101	ug/L	93
51) Chlorobenzene	11.658	112	187051	23.546	ug/L	98
52) Ethylbenzene	11.731	91	352127	25.206	ug/L	98
53) m,p-Xylene	11.841	106	128013	24.732	ug/L	100
54) o-Xylene	12.164	106	121488	25.415	ug/L	98
55) Styrene	12.182	104	201647	24.126	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	59064	22.311	ug/L	98
59) Bromoform	12.353	173	28066	26.288	ug/L #	96
60) Isopropylbenzene	12.463	105	328673	29.383	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	44973	26.787	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	265234	29.042	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	257146	28.426	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	114102	23.576	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	111994	22.372	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	99822	22.513	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8777	24.611	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	65052	18.850	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	41191	15.074	ug/L	98
71) Naphthalene	15.365	128	74668	15.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	35400	14.749	ug/L	99

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

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