

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020574.D
 Acq On : 18 Oct 2021 20:35
 Operator : SY/VA
 Sample : M4212-08MS
 Misc : 3.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE9MS

Quant Time: Oct 19 07:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	190320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	100302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	59106	19.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.760%
7) Chloroethane-d5	2.879	69	32336	20.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	4.019	63	120839	19.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.560%
21) 2-Butanone-d5	7.080	46	41035	44.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
24) Chloroform-d	7.647	84	142663	21.692	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.760%
26) 1,2-Dichloroethane-d4	8.305	65	81252	21.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.520%
32) Benzene-d6	8.275	84	266381	21.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.274	67	88249	21.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.323	98	235206	20.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.579	79	35239	21.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.927	63	28384	45.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68770	22.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	75804	19.320	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	39302	29.478	ug/L	99
3) Chloromethane	2.215	50	64375	23.222	ug/L	98
5) Vinyl chloride	2.355	62	83329	21.372	ug/L	98
6) Bromomethane	2.769	94	32846	19.395	ug/L	96
8) Chloroethane	2.916	64	29494	20.486	ug/L	95
9) Trichlorofluoromethane	3.251	101	32512	14.656	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	67061	21.196	ug/L	98
12) 1,1-Dichloroethene	4.038	96	62438	21.524	ug/L	99
13) Acetone	4.129	43	46782	55.771	ug/L	100
14) Carbon disulfide	4.379	76	185070	19.614	ug/L	100
15) Methyl Acetate	4.672	43	33907	21.767	ug/L	100
16) Methylene chloride	4.922	84	78755	19.636	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	66872	21.972	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	102261	23.849	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142785	22.885	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74409	23.522	ug/L	99
22) 2-Butanone	7.171	43	45061	42.915	ug/L	99
23) Bromochloromethane	7.513	128	31910	22.999	ug/L	96
25) Chloroform	7.677	83	141718	23.365	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97575	23.520	ug/L	98
29) Cyclohexane	7.958	56	123383	22.143	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	105607	22.336	ug/L	99
31) Carbon tetrachloride	8.067	117	92143	22.166	ug/L	98
33) Benzene	8.323	78	313040	23.093	ug/L	100
34) Trichloroethene	9.092	95	72491	21.707	ug/L	98
35) Methylcyclohexane	9.335	83	120572	21.097	ug/L	99
37) 1,2-Dichloropropane	9.372	63	81908	23.333	ug/L	98
38) Bromodichloromethane	9.646	83	100261	23.821	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	114296	23.598	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	102748	48.765	ug/L	99
42) Toluene	10.390	91	320946	23.604	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	101418	23.753	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	53544	23.756	ug/L	100
46) Tetrachloroethene	10.860	164	51978	21.669	ug/L	92
48) 2-Hexanone	10.969	43	69929	45.236	ug/L	100
49) Dibromochloromethane	11.128	129	59963	24.148	ug/L	99
50) 1,2-Dibromoethane	11.237	107	46847	22.628	ug/L	100
51) Chlorobenzene	11.658	112	192124	22.914	ug/L	99
52) Ethylbenzene	11.731	91	343318	23.284	ug/L	97
53) m,p-Xylene	11.841	106	125339	22.943	ug/L	98
54) o-Xylene	12.164	106	122950	24.369	ug/L	97
55) Styrene	12.182	104	219313	24.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	66145	23.672	ug/L	98
59) Bromoform	12.347	173	31586	22.479	ug/L	98
60) Isopropylbenzene	12.463	105	336383	22.849	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49044	22.195	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	282895	23.536	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	282010	23.686	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	136646	21.452	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	142513	21.630	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	132028	22.624	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	11296	24.067	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	96008	21.137	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	78015	21.692	ug/L	99
71) Naphthalene	15.365	128	152961	23.655	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	71108	22.511	ug/L	99

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

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