

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020645.D
 Acq On : 20 Oct 2021 11:24
 Operator : SY/VA
 Sample : M4264-09MSD
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7H2MSD

Quant Time: Oct 21 01:10:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 01:08:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	242710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	64400	18.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
7) Chloroethane-d5	2.879	69	28726	15.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.600%
11) 1,1-Dichloroethene-d2	4.019	63	134601	18.600	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.400%
21) 2-Butanone-d5	7.086	46	45963	42.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
24) Chloroform-d	7.653	84	163114	21.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.320%
26) 1,2-Dichloroethane-d4	8.305	65	95595	21.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.520%
32) Benzene-d6	8.275	84	317012	20.968	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.880%
36) 1,2-Dichloropropane-d6	9.274	67	101535	20.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.440%
41) Toluene-d8	10.323	98	291177	21.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.579	79	43320	21.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.520%
47) 2-Hexanone-d5	10.927	63	36966	48.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	80240	21.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	96576	20.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	22104	14.093	ug/L	98
3) Chloromethane	2.209	50	58510	17.942	ug/L	98
5) Vinyl chloride	2.355	62	69577	15.169	ug/L	100
6) Bromomethane	2.776	94	28218	14.164	ug/L	94
8) Chloroethane	2.916	64	21925	12.945	ug/L	96
9) Trichlorofluoromethane	3.257	101	36531	13.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	64958	17.453	ug/L	99
12) 1,1-Dichloroethene	4.044	96	56845	16.658	ug/L	89
13) Acetone	4.129	43	36039	36.522	ug/L	99
14) Carbon disulfide	4.385	76	164854	14.852	ug/L	100
15) Methyl Acetate	4.672	43	31832	17.371	ug/L	100
16) Methylene chloride	4.915	84	66894	14.178	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	62010	17.319	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	106669	21.147	ug/L	99
19) 1,1-Dichloroethane	6.220	63	134594	18.338	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	69377	18.643	ug/L	100
22) 2-Butanone	7.171	43	44236	35.813	ug/L	98
23) Bromochloromethane	7.513	128	29975	18.365	ug/L	96
25) Chloroform	7.677	83	132617	18.586	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	94120	19.286	ug/L	100
29) Cyclohexane	7.958	56	115728	17.198	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	101719	17.814	ug/L	99
31) Carbon tetrachloride	8.067	117	89752	17.878	ug/L	99
33) Benzene	8.323	78	301701	18.428	ug/L	100
34) Trichloroethene	9.092	95	68973	17.101	ug/L	96
35) Methylcyclohexane	9.335	83	116200	16.835	ug/L	99
37) 1,2-Dichloropropane	9.366	63	77968	18.390	ug/L	99
38) Bromodichloromethane	9.646	83	95904	18.867	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	114269	19.535	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	105185	41.336	ug/L	99
42) Toluene	10.390	91	309364	18.839	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	102567	19.891	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52734	19.372	ug/L	99
46) Tetrachloroethene	10.860	164	48936	16.892	ug/L	89
48) 2-Hexanone	10.969	43	74630	39.974	ug/L	99
49) Dibromochloromethane	11.128	129	57791	19.270	ug/L	94
50) 1,2-Dibromoethane	11.237	107	47581	19.030	ug/L	98
51) Chlorobenzene	11.658	112	181746	17.948	ug/L	98
52) Ethylbenzene	11.731	91	335857	18.861	ug/L	97
53) m,p-Xylene	11.841	106	123339	18.694	ug/L	96
54) o-Xylene	12.164	106	117737	19.323	ug/L	99
55) Styrene	12.182	104	207292	19.457	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	65691	19.467	ug/L	100
59) Bromoform	12.353	173	31390	18.770	ug/L	99
60) Isopropylbenzene	12.463	105	319542	18.237	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49316	18.752	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	274697	19.202	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	273295	19.286	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	139535	18.405	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	147576	18.820	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	131822	18.979	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10526	18.843	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	100489	18.589	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	80583	18.825	ug/L	98
71) Naphthalene	15.365	128	164231	21.340	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	75457	20.071	ug/L	99

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

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