

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020183.D
 Acq On : 24 Sep 2021 11:34
 Operator : SY/VA
 Sample : M3874-03MSD
 Misc : 5.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7S7MSD

Quant Time: Sep 25 00:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	346505	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	316724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158350	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	146218	20.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
7) Chloroethane-d5	2.898	69	113808	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.031	63	252852	22.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.120%
21) 2-Butanone-d5	7.080	46	41278	37.735	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.480%
24) Chloroform-d	7.653	84	255182	23.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.311	65	125483	21.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	8.281	84	479750	23.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.274	67	139066	23.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.329	98	431719	23.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.579	79	55393	22.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.927	63	31965	39.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.000%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	93914	20.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	131782	22.194	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	89176	29.383	ug/L	91
3) Chloromethane	2.221	50	112213	26.739	ug/L	98
5) Vinyl chloride	2.373	62	169313	25.693	ug/L	98
6) Bromomethane	2.788	94	103108	24.203	ug/L	100
8) Chloroethane	2.934	64	99031	24.851	ug/L	97
9) Trichlorofluoromethane	3.269	101	120128	25.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	125990	24.857	ug/L	98
12) 1,1-Dichloroethene	4.050	96	120180	26.153	ug/L	91
13) Acetone	4.129	43	33205	35.443	ug/L	100
14) Carbon disulfide	4.391	76	377926	26.152	ug/L	99
15) Methyl Acetate	4.678	43	35100	19.592	ug/L	99
16) Methylene chloride	4.922	84	125337	20.499	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	125076	25.837	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	130007	22.623	ug/L	99
19) 1,1-Dichloroethane	6.226	63	230201	25.782	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	125903	25.573	ug/L	97
22) 2-Butanone	7.177	43	42978	35.360	ug/L	98
23) Bromochloromethane	7.519	128	53930	24.165	ug/L	98
25) Chloroform	7.683	83	236126	25.289	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	142427	23.179	ug/L	99
29) Cyclohexane	7.964	56	197008	27.954	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	206156	26.268	ug/L	99
31) Carbon tetrachloride	8.073	117	189657	26.560	ug/L	100
33) Benzene	8.329	78	514463	26.915	ug/L	100
34) Trichloroethene	9.098	95	131849	25.767	ug/L	95
35) Methylcyclohexane	9.341	83	220629	26.463	ug/L	99
37) 1,2-Dichloropropane	9.372	63	120792	25.513	ug/L	99
38) Bromodichloromethane	9.646	83	159172	24.827	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	174859	25.041	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	96748	40.575	ug/L	99
42) Toluene	10.390	91	556454	27.401	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	150739	24.032	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	78924	22.735	ug/L	99
46) Tetrachloroethene	10.866	164	99959	25.274	ug/L	98
48) 2-Hexanone	10.969	43	68447	41.208	ug/L	98
49) Dibromochloromethane	11.134	129	94124	23.203	ug/L	99
50) 1,2-Dibromoethane	11.237	107	71223	21.800	ug/L	100
51) Chlorobenzene	11.658	112	331712	25.115	ug/L	99
52) Ethylbenzene	11.731	91	602012	26.915	ug/L	99
53) m,p-Xylene	11.841	106	231050	27.095	ug/L	98
54) o-Xylene	12.164	106	211923	26.866	ug/L	98
55) Styrene	12.182	104	364435	26.588	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	87309	21.056	ug/L	96
59) Bromoform	12.353	173	46261	21.427	ug/L	99
60) Isopropylbenzene	12.463	105	599194	28.221	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62755	20.988	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	484513	27.806	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	477562	27.900	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	241978	24.851	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	240693	23.920	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	212524	23.965	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	13542	20.176	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	161893	24.038	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	116493	22.413	ug/L	94
71) Naphthalene	15.365	128	193656	21.126	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	103875	22.195	ug/L	98

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

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