

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020319.D
 Acq On : 06 Oct 2021 16:12
 Operator : SY/VA
 Sample : M4001-04MS
 Misc : 6.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW918MS

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 2:06:21 PM

Quant Time: Oct 07 01:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	181995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	97765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	118587	47.278	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 189.120%#			
7) Chloroethane-d5	2.879	69	52808	48.588	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 194.360%#			
11) 1,1-Dichloroethene-d2	4.019	63	179361	34.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 138.880%#			
21) 2-Butanone-d5	7.086	46	62967	98.821	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 197.640%#			
24) Chloroform-d	7.653	84	183442	35.103	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 140.400%			
26) 1,2-Dichloroethane-d4	8.311	65	115722	40.464	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 161.840%#			
32) Benzene-d6	8.281	84	333591	56.356	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 225.440%#			
36) 1,2-Dichloropropane-d6	9.281	67	96174	51.223	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 204.880%#			
41) Toluene-d8	10.323	98	186753	34.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 139.320%#			
43) trans-1,3-Dichloroprop...	10.579	79	31173	40.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 163.240%#			
47) 2-Hexanone-d5	10.927	63	31772	122.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 244.860%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	45343	34.602	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 138.400%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	22259	29.134	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	33187	33.288	ug/L	99
3) Chloromethane	2.209	50	72844	29.879	ug/L	98
5) Vinyl chloride	2.355	62	121570	36.660	ug/L	97
6) Bromomethane	2.776	94	25234	19.661	ug/L	95
8) Chloroethane	2.916	64	29418	29.674	ug/L	98
9) Trichlorofluoromethane	3.251	101	30981	18.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	64311	24.012	ug/L	99
12) 1,1-Dichloroethene	4.044	96	82162	32.444	ug/L	97
13) Acetone	4.135	43	38030	58.056	ug/L	100
14) Carbon disulfide	4.385	76	188426	22.633	ug/L	99
15) Methyl Acetate	4.678	43	38715	32.339	ug/L	99
16) Methylene chloride	4.922	84	86361	26.573	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	122251	46.113	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	122911	35.857	ug/L	100
19) 1,1-Dichloroethane	6.220	63	146352	27.757	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	2308210	851.391	ug/L	99
22) 2-Butanone	7.177	43	54629m	67.831	ug/L	
23) Bromochloromethane	7.519	128	35049	30.525	ug/L	97
25) Chloroform	7.677	83	145241	28.802	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	96074	28.522	ug/L	100
29) Cyclohexane	7.958	56	75745	26.060	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	73919	31.521	ug/L	99
31) Carbon tetrachloride	8.073	117	29549	14.434	ug/L	98
33) Benzene	8.329	78	259501	38.168	ug/L	100
34) Trichloroethene	9.092	95	22907558m	13696.434	ug/L	
35) Methylcyclohexane	9.341	83	44163	15.137	ug/L	99
37) 1,2-Dichloropropane	9.372	63	59028	34.849	ug/L	99
38) Bromodichloromethane	9.646	83	61473	29.786	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	67542	28.193	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	90212	97.499	ug/L	99
42) Toluene	10.390	91	158368	23.160	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	55300	26.653	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38096	35.553	ug/L	95
46) Tetrachloroethene	10.866	164	18190	14.777	ug/L	91
48) 2-Hexanone	10.969	43	54296	80.440	ug/L	98
49) Dibromochloromethane	11.128	129	31653	26.323	ug/L	100
50) 1,2-Dibromoethane	11.237	107	33450	33.948	ug/L	99
51) Chlorobenzene	11.658	112	71175	17.161	ug/L	98
52) Ethylbenzene	11.731	91	95570	12.802	ug/L	100
53) m,p-Xylene	11.841	106	33714	12.225	ug/L	94
54) o-Xylene	12.164	106	33965	13.152	ug/L	99
55) Styrene	12.182	104	53269	11.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	27497	21.584	ug/L	98
59) Bromoform	12.347	173	13693	46.970	ug/L	99
60) Isopropylbenzene	12.463	105	62463	19.284	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	25031	57.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	42911	16.374	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	41216	15.736	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	22162	16.265	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	21643	15.736	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	19810	16.307	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	3135	34.154	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	7631	7.884	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4704	6.231	ug/L #	96
71) Naphthalene	15.365	128	15879	12.075	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4029	6.110	ug/L #	94

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

