

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020320.D
 Acq On : 06 Oct 2021 16:36
 Operator : SY/VA
 Sample : M4001-05MSD
 Misc : 7.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW918MSD

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 2:06:25 PM

Quant Time: Oct 07 01:53:46 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	208311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	119652	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29391	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	115705	40.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.200%#	
7) Chloroethane-d5	2.879	69	50837	40.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 163.480%#	
11) 1,1-Dichloroethene-d2	4.019	63	185608	31.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 125.560%#	
21) 2-Butanone-d5	7.086	46	66619	91.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 182.680%#	
24) Chloroform-d	7.653	84	188297	31.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 125.920%	
26) 1,2-Dichloroethane-d4	8.311	65	117563	35.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 143.640%#	
32) Benzene-d6	8.275	84	339251	46.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 187.320%#	
36) 1,2-Dichloropropane-d6	9.281	67	99769	43.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 173.680%#	
41) Toluene-d8	10.323	98	201245	30.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 122.680%	
43) trans-1,3-Dichloroprop...	10.579	79	33507	35.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 143.360%#	
47) 2-Hexanone-d5	10.927	63	32445	102.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 204.320%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	50617	31.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.240%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	24845	24.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	43679	38.277	ug/L	98
3) Chloromethane	2.209	50	85188	30.528	ug/L	97
5) Vinyl chloride	2.355	62	140075	36.904	ug/L	98
6) Bromomethane	2.776	94	33284	22.657	ug/L	95
8) Chloroethane	2.916	64	34242	30.176	ug/L	97
9) Trichlorofluoromethane	3.251	101	39387	20.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	85446	27.872	ug/L	98
12) 1,1-Dichloroethene	4.038	96	96422	33.265	ug/L	94
13) Acetone	4.135	43	51288	68.405	ug/L	97
14) Carbon disulfide	4.385	76	221679	23.263	ug/L	99
15) Methyl Acetate	4.678	43	51017	37.231	ug/L	100
16) Methylene chloride	4.915	84	102003	27.421	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	136938	45.128	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	153474	39.117	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180175	29.855	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	2389785	770.122	ug/L	98
22) 2-Butanone	7.177	43	68357	74.155	ug/L #	33
23) Bromochloromethane	7.519	128	42327	32.207	ug/L	98
25) Chloroform	7.677	83	177273	30.714	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	121177	31.430	ug/L	97
29) Cyclohexane	7.958	56	115305	32.413	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	100432	34.993	ug/L	98
31) Carbon tetrachloride	8.073	117	53260	21.258	ug/L	99
33) Benzene	8.329	78	329834	39.639	ug/L	100
34) Trichloroethene	9.098	95	23132143m	11300.770	ug/L	
35) Methylcyclohexane	9.341	83	79689	22.318	ug/L	98
37) 1,2-Dichloropropane	9.372	63	77702	37.483	ug/L	100
38) Bromodichloromethane	9.646	83	85389	33.806	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	94275	32.154	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	119415	105.453	ug/L	99
42) Toluene	10.390	91	226241	27.034	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	78974	31.101	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52426	39.976	ug/L	98
46) Tetrachloroethene	10.866	164	27817	18.464	ug/L	93
48) 2-Hexanone	10.969	43	68577	83.013	ug/L	97
49) Dibromochloromethane	11.128	129	45313	30.790	ug/L	98
50) 1,2-Dibromoethane	11.237	107	45149	37.439	ug/L	98
51) Chlorobenzene	11.658	112	109255	21.524	ug/L	96
52) Ethylbenzene	11.731	91	156744	17.156	ug/L	98
53) m,p-Xylene	11.841	106	56077	16.615	ug/L	98
54) o-Xylene	12.164	106	57356	18.147	ug/L	96
55) Styrene	12.182	104	93878	17.258	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	42450	27.226	ug/L	99
59) Bromoform	12.353	173	21000	53.477	ug/L	99
60) Isopropylbenzene	12.463	105	110304	25.280	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	36608	62.839	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	77286	21.892	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	75766	21.475	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	40321	21.969	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	38056	20.541	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	37185	22.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5355	43.309	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	14051	10.777	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	8659	8.515	ug/L	96
71) Naphthalene	15.365	128	31300	17.670	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	7627	8.587	ug/L #	91

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

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