

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021116.D
 Acq On : 04 Dec 2021 14:12
 Operator : SY/VA
 Sample : M4885-19MSD
 Misc : 5.63g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MSD

Quant Time: Dec 06 00:49:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69249	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	67300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33968	35.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.840%	
7) Chloroethane-d5	2.885	69	22688	35.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.520%	
11) 1,1-Dichloroethene-d2	4.019	63	48654	31.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 126.280%#	
21) 2-Butanone-d5	7.074	46	13628	61.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.860%	
24) Chloroform-d	7.653	84	55134	31.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 127.160%	
26) 1,2-Dichloroethane-d4	8.305	65	30461	32.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 128.440%	
32) Benzene-d6	8.275	84	102488	29.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 119.120%	
36) 1,2-Dichloropropane-d6	9.274	67	29297	30.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.560%#	
41) Toluene-d8	10.323	98	101611	28.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.200%	
43) trans-1,3-Dichloroprop...	10.579	79	14106	32.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 129.960%	
47) 2-Hexanone-d5	10.920	63	11537	63.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 126.120%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26501	29.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	36728	26.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.640%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	8846	26.152	ug/L	100
3) Chloromethane	2.215	50	21536	28.440	ug/L	98
5) Vinyl chloride	2.361	62	39318	29.889	ug/L	96
6) Bromomethane	2.782	94	25705	29.388	ug/L	97
8) Chloroethane	2.922	64	18335	33.443	ug/L	98
9) Trichlorofluoromethane	3.257	101	20391	32.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	28392	28.557	ug/L	90
12) 1,1-Dichloroethene	4.044	96	25731	28.627	ug/L	79
13) Acetone	4.123	43	11736	58.544	ug/L	92
14) Carbon disulfide	4.385	76	73456	29.442	ug/L	98
15) Methyl Acetate	4.678	43	10796	29.702	ug/L	92
16) Methylene chloride	4.915	84	28631	26.243	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	28153	29.417	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	47138	32.634	ug/L	93
19) 1,1-Dichloroethane	6.220	63	44820	29.534	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	30129	29.674	ug/L	85
22) 2-Butanone	7.171	43	15723	56.676	ug/L	86
23) Bromochloromethane	7.519	128	15071	31.724	ug/L	# 62
25) Chloroform	7.677	83	51065	29.977	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	34864	31.286	ug/L	99
29) Cyclohexane	7.958	56	39633	26.695	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	44297	28.230	ug/L	95
31) Carbon tetrachloride	8.073	117	40770	27.961	ug/L	96
33) Benzene	8.323	78	107215	28.015	ug/L	100
34) Trichloroethene	9.092	95	42568	40.317	ug/L	95
35) Methylcyclohexane	9.335	83	45399	25.545	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	24685	28.538	ug/L #	95
38) Bromodichloromethane	9.646	83	35628	29.300	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	41883	29.935	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	34374	58.333	ug/L #	93
42) Toluene	10.390	91	121777	27.858	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	37006	29.234	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	22173	30.575	ug/L	96
46) Tetrachloroethene	10.859	164	110114	113.893	ug/L	93
48) 2-Hexanone	10.969	43	26182	61.592	ug/L #	96
49) Dibromochloromethane	11.128	129	26679	29.435	ug/L	90
50) 1,2-Dibromoethane	11.237	107	22402	30.291	ug/L #	96
51) Chlorobenzene	11.658	112	78964	27.035	ug/L	91
52) Ethylbenzene	11.731	91	129097	26.234	ug/L	97
53) m,p-Xylene	11.835	106	52683	25.879	ug/L	89
54) o-Xylene	12.164	106	50568	26.346	ug/L	94
55) Styrene	12.182	104	87866	26.869	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	25616	29.367	ug/L	97
59) Bromoform	12.347	173	15435	28.152	ug/L	94
60) Isopropylbenzene	12.463	105	139703	26.146	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	18533	28.777	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	114985	25.698	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	115016	25.558	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	65235	25.930	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	62548	24.599	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	58038	25.909	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.487	75	3988	27.422	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	45286	24.492	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	36009	23.700	ug/L	96
71) Naphthalene	15.359	128	73327	25.961	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	30730	23.175	ug/L	95

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

