

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021036.D
 Acq On : 02 Dec 2021 10:45
 Operator : SY/VA
 Sample : M4881-22MSD
 Misc : 4.53g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F6MSD

Quant Time: Dec 03 02:22:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97667	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	74174	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	22240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27382	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
7) Chloroethane-d5	2.879	69	22203	30.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.560%
11) 1,1-Dichloroethene-d2	4.019	63	48414	22.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	7.092	46	11845	41.889	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.780%
24) Chloroform-d	7.653	84	63205	25.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.720%
26) 1,2-Dichloroethane-d4	8.305	65	30120	24.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.275	84	116865	29.894	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.560%
36) 1,2-Dichloropropane-d6	9.274	67	32889	29.544	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.160%
41) Toluene-d8	10.323	98	106557	27.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.840%
43) trans-1,3-Dichloroprop...	10.573	79	11821	22.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.880%
47) 2-Hexanone-d5	10.927	63	9301	50.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21394	25.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	20041	25.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11582	40.975	ug/L	96
3) Chloromethane	2.209	50	21937	25.527	ug/L	100
5) Vinyl chloride	2.355	62	40331	27.134	ug/L	99
6) Bromomethane	2.782	94	25935	31.467	ug/L	97
8) Chloroethane	2.916	64	18035	28.861	ug/L	96
9) Trichlorofluoromethane	3.251	101	19662	22.709	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32741	24.875	ug/L	92
12) 1,1-Dichloroethene	4.038	96	28246	23.082	ug/L	85
13) Acetone	4.160	43	8033	31.818	ug/L	76
14) Carbon disulfide	4.379	76	56617	17.107	ug/L	98
15) Methyl Acetate	4.690	43	8760	19.348	ug/L	# 90
16) Methylene chloride	4.916	84	29087	21.354	ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	28534	21.635	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	44581	22.519	ug/L	94
19) 1,1-Dichloroethane	6.214	63	52446	24.000	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32355	22.762	ug/L	69
22) 2-Butanone	7.183	43	12246	35.702	ug/L	87
23) Bromochloromethane	7.513	128	14080	21.667	ug/L	# 73
25) Chloroform	7.677	83	58230	24.379	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33205	22.959	ug/L	97
29) Cyclohexane	7.952	56	42733	25.842	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	52285	29.313	ug/L	95
31) Carbon tetrachloride	8.067	117	46731	27.680	ug/L	99
33) Benzene	8.323	78	119568	28.470	ug/L	100
34) Trichloroethene	9.092	95	37514	31.935	ug/L	95
35) Methylcyclohexane	9.335	83	48589	25.088	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	27444	28.078	ug/L #	96
38) Bromodichloromethane	9.646	83	38176	27.217	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	40352	25.005	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	28108	48.316	ug/L #	93
42) Toluene	10.384	91	126995	26.884	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	31195	21.995	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	20068	26.399	ug/L	94
46) Tetrachloroethene	10.860	164	49621	46.007	ug/L	88
48) 2-Hexanone	10.969	43	19402	48.148	ug/L #	96
49) Dibromochloromethane	11.128	129	25059	23.911	ug/L	99
50) 1,2-Dibromoethane	11.238	107	17020	22.332	ug/L #	95
51) Chlorobenzene	11.658	112	68682	21.861	ug/L	89
52) Ethylbenzene	11.731	91	126160	24.101	ug/L	92
53) m,p-Xylene	11.835	106	50661	23.705	ug/L	94
54) o-Xylene	12.164	106	48759	23.756	ug/L	97
55) Styrene	12.176	104	66031	19.375	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	20087	23.841	ug/L #	99
59) Bromoform	12.347	173	11411	34.411	ug/L	97
60) Isopropylbenzene	12.463	105	130306	43.017	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	14339	43.955	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	104046	40.717	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	92782	36.801	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	34307	24.157	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	31097	21.707	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	31419	25.106	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2342	30.029	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	17457	15.520	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	8924	9.698	ug/L	96
71) Naphthalene	15.359	128	19491	12.999	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	7969	10.262	ug/L	97

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

