

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021035.D
 Acq On : 02 Dec 2021 10:21
 Operator : SY/VA
 Sample : M4881-21MS
 Misc : 4.04g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F6MS

Quant Time: Dec 03 02:22:11 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	63341	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	51455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16600	22.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
7) Chloroethane-d5	2.885	69	14609	30.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.320%
11) 1,1-Dichloroethene-d2	4.019	63	34647	24.373	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	7.086	46	8595	46.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.740%
24) Chloroform-d	7.647	84	42251	26.473	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.880%
26) 1,2-Dichloroethane-d4	8.311	65	20391	25.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	78009	28.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.080%
36) 1,2-Dichloropropane-d6	9.274	67	22613	29.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	10.323	98	74010	27.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	10.579	79	8485	23.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.000%
47) 2-Hexanone-d5	10.920	63	6639	51.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15372	25.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	18190	24.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4424	24.133	ug/L	91
3) Chloromethane	2.215	50	12721	22.825	ug/L	99
5) Vinyl chloride	2.361	62	24916	25.847	ug/L	96
6) Bromomethane	2.782	94	16276	30.449	ug/L	100
8) Chloroethane	2.922	64	12982	32.033	ug/L	96
9) Trichlorofluoromethane	3.257	101	19333	34.430	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	21841	25.587	ug/L	# 73
12) 1,1-Dichloroethene	4.044	96	19117	24.088	ug/L	# 65
13) Acetone	4.123	43	7541	46.057	ug/L	91
14) Carbon disulfide	4.379	76	41354	19.267	ug/L	98
15) Methyl Acetate	4.678	43	6272	21.360	ug/L	# 91
16) Methylene chloride	4.915	84	21230	24.032	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	19963	23.339	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	33106	25.785	ug/L	95
19) 1,1-Dichloroethane	6.220	63	35472	25.029	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	21785	23.632	ug/L	78
22) 2-Butanone	7.171	43	9264	41.644	ug/L	90
23) Bromochloromethane	7.519	128	10152	24.089	ug/L	# 66
25) Chloroform	7.677	83	39483	25.488	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	23664	25.229	ug/L #	95
29) Cyclohexane	7.958	56	29196	25.451	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	36541	29.531	ug/L	95
31) Carbon tetrachloride	8.073	117	31951	27.282	ug/L	96
33) Benzene	8.323	78	79213	27.189	ug/L	100
34) Trichloroethene	9.091	95	24653	30.253	ug/L	93
35) Methylcyclohexane	9.335	83	33643	25.041	ug/L #	86
37) 1,2-Dichloropropane	9.366	63	18950	27.948	ug/L #	95
38) Bromodichloromethane	9.646	83	25702	26.414	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	27907	24.928	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	19535	48.406	ug/L #	91
42) Toluene	10.390	91	86769	26.478	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	22759	23.132	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	14309	27.134	ug/L	95
46) Tetrachloroethene	10.866	164	30182	40.339	ug/L	90
48) 2-Hexanone	10.969	43	14059	50.293	ug/L #	97
49) Dibromochloromethane	11.134	129	17026	23.419	ug/L	91
50) 1,2-Dibromoethane	11.237	107	12742	24.101	ug/L #	95
51) Chlorobenzene	11.658	112	50214	23.039	ug/L	92
52) Ethylbenzene	11.731	91	94080	25.909	ug/L	97
53) m,p-Xylene	11.835	106	40000	26.981	ug/L	82
54) o-Xylene	12.164	106	35888	25.206	ug/L	97
55) Styrene	12.176	104	50632	21.416	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	14632	25.034	ug/L #	98
59) Bromoform	12.347	173	8503	27.611	ug/L	98
60) Isopropylbenzene	12.463	105	99483	35.364	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	10246	33.820	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	81002	34.133	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	73576	31.424	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	32175	24.395	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	30538	22.954	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	28079	24.160	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1878	25.929	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	19845	18.997	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11211	13.118	ug/L	98
71) Naphthalene	15.365	128	18212	13.078	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	9550	13.242	ug/L	98

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

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