

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020782.D
 Acq On : 05 Nov 2021 16:23
 Operator : SY/VA
 Sample : M4511-04MSD
 Misc : 5.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4266MSD

Quant Time: Nov 08 04:53:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172944	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	159117	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35784	22.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.040%
7) Chloroethane-d5	2.879	69	22314	24.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
11) 1,1-Dichloroethene-d2	4.013	63	73465	21.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.074	46	22848	42.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.620%
24) Chloroform-d	7.647	84	87665	22.813	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	8.305	65	44309	21.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.640%
32) Benzene-d6	8.275	84	160819	22.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.275	67	49070	22.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	10.323	98	153513	21.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	10.573	79	23498	21.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.160%
47) 2-Hexanone-d5	10.921	63	18515	41.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40280	21.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	59974	23.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	26699	37.860	ug/L	98
3) Chloromethane	2.209	50	45280	24.539	ug/L	96
5) Vinyl chloride	2.355	62	66329	24.921	ug/L	99
6) Bromomethane	2.770	94	33617	24.406	ug/L	93
8) Chloroethane	2.910	64	25157	25.706	ug/L	98
9) Trichlorofluoromethane	3.251	101	28088	19.897	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	55693	23.988	ug/L #	89
12) 1,1-Dichloroethene	4.038	96	53129	24.012	ug/L	75
13) Acetone	4.123	43	15149	30.529	ug/L	87
14) Carbon disulfide	4.379	76	153454	22.977	ug/L	99
15) Methyl Acetate	4.666	43	18291	19.429	ug/L	93
16) Methylene chloride	4.916	84	50632	19.771	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	56529	24.035	ug/L	85
18) Methyl tert-butyl Ether	5.422	73	72788	21.871	ug/L	96
19) 1,1-Dichloroethane	6.214	63	97515	23.939	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	59513	24.004	ug/L	83
22) 2-Butanone	7.171	43	25424	38.161	ug/L	90
23) Bromochloromethane	7.513	128	26046	22.765	ug/L #	78
25) Chloroform	7.671	83	100757	23.759	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	61683	22.469	ug/L #	95
29) Cyclohexane	7.952	56	95061	22.898	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	89297	23.616	ug/L	94
31) Carbon tetrachloride	8.068	117	84897	23.594	ug/L	97
33) Benzene	8.324	78	221767	23.272	ug/L	100
34) Trichloroethene	9.092	95	61180	24.119	ug/L	94
35) Methylcyclohexane	9.336	83	103660	23.418	ug/L	90
37) 1,2-Dichloropropane	9.366	63	52381	23.216	ug/L	98
38) Bromodichloromethane	9.646	83	74454	23.574	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	86048	23.434	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	62242	42.211	ug/L #	96
42) Toluene	10.390	91	246385	24.044	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	75731	22.801	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	37256	22.250	ug/L	96
46) Tetrachloroethene	10.866	164	54189	23.818	ug/L	94
48) 2-Hexanone	10.969	43	42573	39.540	ug/L #	96
49) Dibromochloromethane	11.122	129	52379	22.907	ug/L	93
50) 1,2-Dibromoethane	11.232	107	37716	22.215	ug/L #	98
51) Chlorobenzene	11.658	112	157403	23.814	ug/L	95
52) Ethylbenzene	11.731	91	274378	23.898	ug/L	98
53) m,p-Xylene	11.835	106	110507	24.023	ug/L	92
54) o-Xylene	12.164	106	105764	24.272	ug/L	92
55) Styrene	12.177	104	177061	23.901	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	43624	22.230	ug/L #	94
59) Bromoform	12.347	173	31222	22.272	ug/L	98
60) Isopropylbenzene	12.463	105	288541	25.259	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	31290	22.845	ug/L	94
62) 1,3,5-Trimethylbenzene	12.939	105	242970	24.752	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	241826	24.800	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	128546	24.270	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	122632	23.243	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	111054	23.737	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	7407	22.123	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.627	180	91998	21.883	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	72797	20.772	ug/L	92
71) Naphthalene	15.359	128	118094	19.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56214	18.875	ug/L	98

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

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