

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027367.D
 Acq On : 20 Oct 2023 12:33
 Operator : SY/MD
 Sample : 04953-10MSD
 Misc : 4.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAT5MSD

Quant Time: Oct 21 04:27:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	474482	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327883	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	167345	23.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
7) Chloroethane-d5	2.899	69	133533	25.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.720%
11) 1,1-Dichloroethene-d2	4.021	65	78116	21.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.120%
21) 2-Butanone-d5	7.081	46	100599	41.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.600%
24) Chloroform-d	7.654	84	334183	23.631	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.307	65	184433	24.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.120%
32) Benzene-d6	8.276	84	661823	29.834	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.320%
36) 1,2-Dichloropropane-d6	9.276	67	214094	31.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.400%#
41) Toluene-d8	10.325	98	511058	25.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.581	79	75909	24.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.280%
47) 2-Hexanone-d5	10.922	63	79370	56.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140041	27.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	84764	22.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	129776	22.987	ug/L	96
3) Chloromethane	2.229	50	171418	26.421	ug/L	95
5) Vinyl chloride	2.381	62	182703	25.210	ug/L	97
6) Bromomethane	2.789	94	89636	21.715	ug/L	99
8) Chloroethane	2.936	64	107536	25.778	ug/L	98
9) Trichlorofluoromethane	3.271	101	134688	26.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	125281	19.568	ug/L	99
12) 1,1-Dichloroethene	4.045	96	141974	22.819	ug/L	95
13) Acetone	4.131	43	111941	53.849	ug/L	97
14) Carbon disulfide	4.393	76	357957	18.558	ug/L	99
15) Methyl Acetate	4.673	43	75653	21.307	ug/L #	78
16) Methylene chloride	4.923	84	180386	20.769	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	147145	22.006	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	300301	26.030	ug/L	99
19) 1,1-Dichloroethane	6.222	63	338593	24.819	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	172421	22.833	ug/L	95
22) 2-Butanone	7.173	43	147313	47.344	ug/L	97
23) Bromochloromethane	7.514	128	75022	24.064	ug/L	86
25) Chloroform	7.679	83	308343	24.149	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	214409	24.720	ug/L	98
29) Cyclohexane	7.959	56	193885	19.475	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	236354	29.551	ug/L	99
31) Carbon tetrachloride	8.075	117	185118	25.669	ug/L	98
33) Benzene	8.325	78	650052	30.336	ug/L	100
34) Trichloroethene	9.093	95	145147	25.643	ug/L	95
35) Methylcyclohexane	9.331	83	130674	12.910	ug/L	98
37) 1,2-Dichloropropane	9.368	63	185291	31.980	ug/L	98
38) Bromodichloromethane	9.648	83	208841	29.313	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	248853	26.001	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	264828	66.463	ug/L	99
42) Toluene	10.386	91	594324	26.439	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	206927	25.623	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	123111	30.878	ug/L	96
46) Tetrachloroethene	10.861	164	74987	19.186	ug/L	95
48) 2-Hexanone	10.965	43	197282	66.894	ug/L	97
49) Dibromochloromethane	11.129	129	113766	25.693	ug/L	99
50) 1,2-Dibromoethane	11.233	107	104468	27.025	ug/L	98
51) Chlorobenzene	11.654	112	317809	22.577	ug/L	99
52) Ethylbenzene	11.727	91	559233	21.409	ug/L	97
53) m,p-Xylene	11.837	106	200792	20.266	ug/L	97
54) o-Xylene	12.160	106	204099	21.512	ug/L	98
55) Styrene	12.178	104	333031	20.553	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	133122	27.351	ug/L	97
59) Bromoform	12.349	173	55093	36.014	ug/L	98
60) Isopropylbenzene	12.458	105	454558	28.146	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	104762	46.670	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	339204	25.180	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	321467	24.389	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	139882	21.359	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	144153	22.041	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	136446	23.479	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	19428	34.630	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	52815	12.423	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	39154	10.820	ug/L	98
71) Naphthalene	15.360	128	132647	17.826	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	31260	10.506	ug/L	94

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

