

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027687.D
 Acq On : 16 Dec 2023 13:25
 Operator : SY/MD
 Sample : 05788-20MSD
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLP8MSD

Quant Time: Dec 17 00:17:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	597010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	553778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	161556	19.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	126336	19.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.015	65	66694	19.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	7.087	46	64631	44.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.780%
24) Chloroform-d	7.648	84	309295	21.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.301	65	147123	22.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.240%
32) Benzene-d6	8.270	84	669422	20.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.270	67	193871	21.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	10.319	98	616106	20.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.575	79	79611	22.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	61343	45.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151341	21.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	209504	20.766	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	120713	17.372	ug/L	94
3) Chloromethane	2.222	50	163238	19.945	ug/L	98
5) Vinyl chloride	2.375	62	190517	19.566	ug/L	99
6) Bromomethane	2.789	94	124902	20.153	ug/L	96
8) Chloroethane	2.936	64	108180	18.582	ug/L	99
9) Trichlorofluoromethane	3.265	101	169684	19.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147421	19.734	ug/L	99
12) 1,1-Dichloroethene	4.045	96	149307	20.417	ug/L	93
13) Acetone	4.149	43	51390	39.320	ug/L	99
14) Carbon disulfide	4.387	76	481925	19.616	ug/L	100
15) Methyl Acetate	4.679	43	47410	20.078	ug/L	97
16) Methylene chloride	4.917	84	162569	17.367	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	154981	20.042	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	219073	21.428	ug/L	100
19) 1,1-Dichloroethane	6.216	63	267409	20.336	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	174325	21.415	ug/L	95
22) 2-Butanone	7.179	43	67914	39.131	ug/L	97
23) Bromochloromethane	7.514	128	74971	21.811	ug/L	93
25) Chloroform	7.673	83	271558	20.969	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	162451	21.396	ug/L	97
29) Cyclohexane	7.959	56	246984	18.850	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	219321	18.960	ug/L	99
31) Carbon tetrachloride	8.069	117	193920	19.049	ug/L	97
33) Benzene	8.325	78	637171	19.848	ug/L	100
34) Trichloroethene	9.093	95	166250	18.999	ug/L	97
35) Methylcyclohexane	9.331	83	301415	19.098	ug/L	99
37) 1,2-Dichloropropane	9.367	63	156461	20.191	ug/L	100
38) Bromodichloromethane	9.642	83	192146	20.400	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	246458	20.867	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	137717	40.661	ug/L	99
42) Toluene	10.386	91	676071	19.573	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	197849	21.271	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	118416	20.640	ug/L	99
46) Tetrachloroethene	10.861	164	132241	18.926	ug/L	92
48) 2-Hexanone	10.965	43	101002	40.065	ug/L	99
49) Dibromochloromethane	11.123	129	124566	20.759	ug/L	90
50) 1,2-Dibromoethane	11.233	107	111230	20.401	ug/L	88
51) Chlorobenzene	11.654	112	448172	20.309	ug/L	95
52) Ethylbenzene	11.727	91	764762	19.648	ug/L	95
53) m,p-Xylene	11.837	106	293091	19.604	ug/L	90
54) o-Xylene	12.166	106	290019	20.833	ug/L	85
55) Styrene	12.178	104	497960	21.219	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	132059	20.193	ug/L	99
59) Bromoform	12.349	173	70383	20.401	ug/L	96
60) Isopropylbenzene	12.458	105	792553	19.924	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	92013	19.588	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	634496	19.954	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	651043	20.799	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	350809	20.409	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	347906	20.150	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	307972	20.604	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	18513	19.728	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	245312	20.511	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	192718	19.621	ug/L	93
71) Naphthalene	15.360	128	363643	20.893	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	164227	19.998	ug/L	93

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

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