

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
 Data File : VW028263.D
 Acq On : 28 Mar 2024 10:44
 Operator : SY/MD
 Sample : P1886-11MSD
 Misc : 6.22g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07A8MSD

Quant Time: Mar 28 23:32:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 23:31:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	333178	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94114	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75721	19.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
7) Chloroethane-d5	2.899	69	61404	22.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.021	65	52526	21.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.000%
21) 2-Butanone-d5	7.075	46	60538	52.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.300%
24) Chloroform-d	7.648	84	237707	24.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	8.307	65	123751	22.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.440%
32) Benzene-d6	8.276	84	454623	28.508	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.040%
36) 1,2-Dichloropropane-d6	9.270	67	134096	29.219	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.880%
41) Toluene-d8	10.319	98	392036	26.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	10.575	79	53726	25.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.120%
47) 2-Hexanone-d5	10.922	63	47241	62.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86883	25.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	85103	24.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	84772	17.539	ug/L	91
3) Chloromethane	2.222	50	62389	18.200	ug/L	100
5) Vinyl chloride	2.375	62	74759	19.293	ug/L	97
6) Bromomethane	2.796	94	44331	19.210	ug/L	91
8) Chloroethane	2.942	64	42786	20.543	ug/L	99
9) Trichlorofluoromethane	3.271	101	95163	20.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87130	18.721	ug/L	94
12) 1,1-Dichloroethene	4.045	96	87109	20.247	ug/L	95
13) Acetone	4.131	43	47543	37.241	ug/L	100
14) Carbon disulfide	4.387	76	203805	15.188	ug/L	97
15) Methyl Acetate	4.679	43	35960	18.287	ug/L	99
16) Methylene chloride	4.923	84	87524	17.260	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	84337	18.445	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	135416	19.630	ug/L	98
19) 1,1-Dichloroethane	6.216	63	179289	20.255	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	97206	19.685	ug/L	98
22) 2-Butanone	7.173	43	54777	37.792	ug/L	97
23) Bromochloromethane	7.514	128	41852	19.171	ug/L	96
25) Chloroform	7.673	83	180264	19.782	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115797	17.994	ug/L #	95
29) Cyclohexane	7.953	56	134700	19.771	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	155254	22.675	ug/L	99
31) Carbon tetrachloride	8.069	117	141277	21.997	ug/L	95
33) Benzene	8.325	78	375541	23.365	ug/L	100
34) Trichloroethene	9.093	95	97797	21.809	ug/L	97
35) Methylcyclohexane	9.331	83	102951	13.582	ug/L	99
37) 1,2-Dichloropropane	9.367	63	95532	23.237	ug/L	100
38) Bromodichloromethane	9.642	83	122236	22.053	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	149271	22.672	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	102129	45.005	ug/L	97
42) Toluene	10.386	91	392629	22.382	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	117665	21.168	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	64364	21.669	ug/L	98
46) Tetrachloroethene	10.861	164	69444	19.212	ug/L	96
48) 2-Hexanone	10.965	43	83260	46.838	ug/L	97
49) Dibromochloromethane	11.123	129	73946	21.020	ug/L	100
50) 1,2-Dibromoethane	11.233	107	59736	21.032	ug/L #	98
51) Chlorobenzene	11.654	112	225238	20.229	ug/L	97
52) Ethylbenzene	11.727	91	413059	20.171	ug/L	100
53) m,p-Xylene	11.837	106	150474	19.527	ug/L	92
54) o-Xylene	12.160	106	142306	19.914	ug/L	94
55) Styrene	12.178	104	234360	19.093	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	66414	19.548	ug/L	97
59) Bromoform	12.349	173	39348	27.901	ug/L	100
60) Isopropylbenzene	12.458	105	356735	25.512	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50732	28.245	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	206397	21.999	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	247540	21.850	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	124027	19.882	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	121734	19.515	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	105778	19.690	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10490	24.862	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	45638	10.503	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	34172	9.257	ug/L	97
71) Naphthalene	15.360	128	89123	14.066	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	27710	9.106	ug/L	97

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

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