

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028124.D
 Acq On : 07 Mar 2024 14:08
 Operator : SY/MD
 Sample : P1638-04MS
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCNO4MS

Quant Time: Mar 08 00:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	381989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	314207	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84269	18.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
7) Chloroethane-d5	2.893	69	71139	20.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
11) 1,1-Dichloroethene-d2	4.021	65	35334	18.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.880%
21) 2-Butanone-d5	7.075	46	20201	31.056	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.120%
24) Chloroform-d	7.648	84	170797	21.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.440%
26) 1,2-Dichloroethane-d4	8.307	65	88833	23.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.360%
32) Benzene-d6	8.276	84	322787	22.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	9.270	67	90266	23.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.318	98	266522	19.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.120%
43) trans-1,3-Dichloroprop...	10.575	79	30941	18.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.520%
47) 2-Hexanone-d5	10.922	63	19145	35.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77586	25.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	73504	19.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	72434m	18.561	ug/L	
3) Chloromethane	2.228	50	75775	20.421	ug/L	100
5) Vinyl chloride	2.381	62	92964	17.978	ug/L	97
6) Bromomethane	2.795	94	75212	18.231	ug/L	92
8) Chloroethane	2.936	64	63835	19.657	ug/L	97
9) Trichlorofluoromethane	3.271	101	73912	15.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	88849m	17.719	ug/L	
12) 1,1-Dichloroethene	4.051	96	82068	17.283	ug/L	93
13) Acetone	4.118	43	27857	30.639	ug/L	99
14) Carbon disulfide	4.399	76	213467	14.758	ug/L	99
15) Methyl Acetate	4.673	43	30666	23.863	ug/L	97
16) Methylene chloride	4.917	84	113734	21.645	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	93267	18.382	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	177990	28.644	ug/L	99
19) 1,1-Dichloroethane	6.222	63	174672	21.772	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	115954	21.715	ug/L	97
22) 2-Butanone	7.173	43	38464	37.880	ug/L	98
23) Bromochloromethane	7.514	128	59855	23.877	ug/L	96
25) Chloroform	7.679	83	200358	22.359	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137799	25.861	ug/L	98
29) Cyclohexane	7.959	56	80370	13.302	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	136138	19.405	ug/L	99
31) Carbon tetrachloride	8.069	117	111047	16.951	ug/L	100
33) Benzene	8.325	78	373295	21.991	ug/L	100
34) Trichloroethene	9.093	95	87228	17.538	ug/L	95
35) Methylcyclohexane	9.337	83	83881	10.420	ug/L	96
37) 1,2-Dichloropropane	9.367	63	99369	25.137	ug/L	99
38) Bromodichloromethane	9.642	83	149061	26.106	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	133879	20.595	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	100096	63.752	ug/L	98
42) Toluene	10.386	91	359317	18.734	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	120868	22.888	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	93376	28.166	ug/L	100
46) Tetrachloroethene	10.861	164	48065	11.531	ug/L	90
48) 2-Hexanone	10.965	43	55687	43.865	ug/L	98
49) Dibromochloromethane	11.123	129	103752	26.921	ug/L	90
50) 1,2-Dibromoethane	11.233	107	84319	26.407	ug/L	99
51) Chlorobenzene	11.654	112	234665	18.336	ug/L	99
52) Ethylbenzene	11.727	91	298930	13.632	ug/L	98
53) m,p-Xylene	11.836	106	116819	13.730	ug/L	98
54) o-Xylene	12.160	106	133816	16.619	ug/L	98
55) Styrene	12.178	104	244620	17.813	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	104740	29.301	ug/L	99
59) Bromoform	12.342	173	59546	33.949	ug/L	93
60) Isopropylbenzene	12.458	105	250459	14.756	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	73467	38.628	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	181466	16.306	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	217071	16.357	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	151601	19.326	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	154097	19.458	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	156990	22.217	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16642	41.661	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	86114	14.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	89127	19.171	ug/L	88
71) Naphthalene	15.360	128	216799	28.513	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	75926	19.530	ug/L	95

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

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