

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028230.D
 Acq On : 22 Mar 2024 16:14
 Operator : SY/MD
 Sample : P1839-08MS
 Misc : 4.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOLY5MS

Quant Time: Mar 23 01:01:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 23 01:00:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	200091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	68886	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	59735	19.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
7) Chloroethane-d5	2.899	69	47561	22.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.021	65	41313	21.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.800%
21) 2-Butanone-d5	7.081	46	37848	42.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.480%
24) Chloroform-d	7.648	84	194267	25.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.307	65	105293	24.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.276	84	361580	29.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.400%
36) 1,2-Dichloropropane-d6	9.270	67	106053	30.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.680%#
41) Toluene-d8	10.319	98	304636	27.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.160%
43) trans-1,3-Dichloroprop...	10.575	79	43542	27.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	31266	53.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66967	25.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	62824	25.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73327	19.470	ug/L #	88
3) Chloromethane	2.222	50	49499	18.531	ug/L	100
5) Vinyl chloride	2.375	62	62055	20.552	ug/L	96
6) Bromomethane	2.789	94	38854	21.607	ug/L	91
8) Chloroethane	2.936	64	35675	21.982	ug/L	99
9) Trichlorofluoromethane	3.271	101	86762	23.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	69508	19.166	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75113	22.405	ug/L	89
13) Acetone	4.131	43	40213	40.424	ug/L	99
14) Carbon disulfide	4.387	76	198417	18.976	ug/L	98
15) Methyl Acetate	4.673	43	27100	17.686	ug/L	97
16) Methylene chloride	4.923	84	83307	21.083	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	80493	22.592	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	126516	23.536	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159800	23.168	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	88873	23.096	ug/L	96
22) 2-Butanone	7.173	43	44181	39.117	ug/L	96
23) Bromochloromethane	7.514	128	38421	22.585	ug/L	92
25) Chloroform	7.679	83	165104	23.251	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108014	21.540	ug/L	98
29) Cyclohexane	7.959	56	96921	18.571	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	134108	25.568	ug/L	98
31) Carbon tetrachloride	8.069	117	119231	24.235	ug/L	97
33) Benzene	8.325	78	328136	26.650	ug/L	100
34) Trichloroethene	9.093	95	85271	24.823	ug/L	96
35) Methylcyclohexane	9.331	83	73714	12.695	ug/L	99
37) 1,2-Dichloropropane	9.367	63	84105	26.706	ug/L	100
38) Bromodichloromethane	9.642	83	111296	26.212	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	132454	26.262	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	84859	48.815	ug/L	98
42) Toluene	10.386	91	326181	24.273	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	107477	25.240	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58330	25.635	ug/L	95
46) Tetrachloroethene	10.861	164	52628	19.006	ug/L	96
48) 2-Hexanone	10.965	43	63984	46.987	ug/L	97
49) Dibromochloromethane	11.123	129	64400	23.898	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52468	24.115	ug/L	96
51) Chlorobenzene	11.654	112	193517	22.688	ug/L	95
52) Ethylbenzene	11.727	91	330729	21.083	ug/L	100
53) m,p-Xylene	11.837	106	118380	20.054	ug/L	98
54) o-Xylene	12.160	106	114661	20.946	ug/L	90
55) Styrene	12.178	104	197378	20.991	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	57199	21.977	ug/L	95
59) Bromoform	12.349	173	34438	33.363	ug/L	97
60) Isopropylbenzene	12.458	105	278466	27.208	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	44697	33.998	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	159375	23.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	191621	23.109	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	99626	21.819	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	101073	22.137	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	88528	22.514	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8663	28.051	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	37370	11.750	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	28169	10.425	ug/L	97
71) Naphthalene	15.360	128	76824	16.565	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	22231	9.980	ug/L	98

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

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