

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034793.D
 Acq On : 21 Mar 2024 17:10
 Operator : SY/MD
 Sample : P1743-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0737MS

Quant Time: Mar 22 02:04:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	270557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323824	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170086	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142642	60.817	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	121.640%	
7) Chloroethane-d5	1.532	69	114378	62.595	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	125.200%	
11) 1,1-Dichloroethene-d2	2.060	65	43386	40.902	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.800%	
21) 2-Butanone-d5	3.793	46	115808	73.834	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	73.830%	
24) Chloroform-d	4.246	84	189831	45.775	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.560%	
26) 1,2-Dichloroethane-d4	4.940	65	126149	46.550	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.100%	
32) Benzene-d6	4.960	84	354553	36.278	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	72.560%	
36) 1,2-Dichloropropane-d6	5.985	67	145267	48.705	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.420%	
41) Toluene-d8	7.239	98	437840	49.506	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.020%	
43) trans-1,3-Dichloroprop...	7.551	79	76388	51.002	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.000%	
47) 2-Hexanone-d5	8.021	63	115767	77.729	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	77.730%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	194817	49.635	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	99.260%	
66) 1,2-Dichlorobenzene-d4	11.558	152	169482	48.749	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.500%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	147353	51.922	ug/L	99
3) Chloromethane	1.217	50	137151	49.182	ug/L	98
5) Vinyl chloride	1.285	62	141235	52.176	ug/L	100
6) Bromomethane	1.490	94	91466	56.318	ug/L	99
8) Chloroethane	1.548	64	93016	57.813	ug/L	100
9) Trichlorofluoromethane	1.712	101	201785	49.778	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	94909	43.441	ug/L	95
12) 1,1-Dichloroethene	2.069	96	82522	40.733	ug/L	94
13) Acetone	2.124	43	96763	51.317	ug/L	97
14) Carbon disulfide	2.243	76	192482	34.234	ug/L	100
15) Methyl Acetate	2.375	43	99948	41.433	ug/L	94
16) Methylene chloride	2.445	84	98649	45.905	ug/L	91
17) trans-1,2-Dichloroethene	2.693	96	86571	44.149	ug/L	92
18) Methyl tert-butyl Ether	2.703	73	347978	49.416	ug/L	98
19) 1,1-Dichloroethane	3.111	63	171579	44.668	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	104621	49.175	ug/L	91
22) 2-Butanone	3.873	43	129225	69.402	ug/L	91
23) Bromochloromethane	4.146	128	56508	51.364	ug/L	87
25) Chloroform	4.275	83	195380	49.073	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	160413	49.591	ug/L	99
29) Cyclohexane	4.584	56	127629	29.964	ug/L	92
30) 1,1,1-Trichloroethane	4.510	97	184934	39.826	ug/L	98
31) Carbon tetrachloride	4.735	117	166040	40.387	ug/L	100
33) Benzene	5.008	78	367674	36.579	ug/L	100
34) Trichloroethene	5.831	95	138179	48.362	ug/L	95
35) Methylcyclohexane	6.050	83	203630	46.880	ug/L	98
37) 1,2-Dichloropropane	6.092	63	137603	52.289	ug/L	98
38) Bromodichloromethane	6.429	83	198743	53.691	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	233440	54.751	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	423203	109.061	ug/L	97
42) Toluene	7.313	91	548478	51.558	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	222910	54.360	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	142460	56.106	ug/L	99
46) Tetrachloroethene	7.905	164	104296	49.084	ug/L	99
48) 2-Hexanone	8.072	43	337505	109.151	ug/L	97
49) Dibromochloromethane	8.175	129	150416	56.137	ug/L	99
50) 1,2-Dibromoethane	8.278	107	146216	54.267	ug/L	98
51) Chlorobenzene	8.812	112	363369	52.837	ug/L	99
52) Ethylbenzene	8.944	91	627147	52.614	ug/L	99
53) m,p-Xylene	9.072	106	234181	51.773	ug/L	98
54) o-Xylene	9.477	106	236229	53.334	ug/L	100
55) Styrene	9.493	104	410475	54.735	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	217811	57.113	ug/L	100
59) Bromoform	9.664	173	106723	56.594	ug/L	99
60) Isopropylbenzene	9.866	105	654300	54.392	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	180234	55.512	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	541272	53.341	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	544921	54.296	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	299998	53.938	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	303592	53.751	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	301460	54.091	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	52245	54.019	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	222055	53.219	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	196574	52.358	ug/L	98
71) Naphthalene	13.438	128	522190	51.997	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	197694	53.977	ug/L	98

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

