

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082543.D
 Acq On : 12 Jun 2024 21:01
 Operator : JC\MD
 Sample : P2840-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240610MS

Quant Time: Jun 13 01:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/13/2024
 Supervised By : Mahesh Dadoda 06/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113592	44.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.160%		
35) Dibromofluoromethane	8.165	113	83439	49.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
50) Toluene-d8	10.571	98	289651	44.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.800%		
62) 4-Bromofluorobenzene	12.853	95	112024	48.106	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127110	54.021	ug/l	97
3) Chloromethane	2.359	50	138445	51.918	ug/l	98
4) Vinyl Chloride	2.512	62	138116	55.094	ug/l	99
5) Bromomethane	2.948	94	77297	53.643	ug/l	99
6) Chloroethane	3.112	64	93469	57.100	ug/l	99
7) Trichlorofluoromethane	3.495	101	184646	56.248	ug/l	96
8) Diethyl Ether	3.965	74	65725	56.202	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	103908	54.185	ug/l	99
10) Methyl Iodide	4.589	142	111031	57.595	ug/l	94
11) Tert butyl alcohol	5.524	59	124868	301.855	ug/l	100
12) 1,1-Dichloroethene	4.342	96	99537	55.845	ug/l #	79
13) Acrolein	4.183	56	100617	328.231	ug/l	98
14) Allyl chloride	5.024	41	194035	50.847	ug/l #	90
15) Acrylonitrile	5.718	53	333131	310.945	ug/l	100
16) Acetone	4.430	43	304279	287.833	ug/l #	89
17) Carbon Disulfide	4.718	76	291057	50.560	ug/l	97
18) Methyl Acetate	5.024	43	152265	57.837	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	373014	57.255	ug/l	95
20) Methylene Chloride	5.271	84	119944	56.235	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	108250	55.732	ug/l #	79
22) Diisopropyl ether	6.671	45	450726	56.564	ug/l #	93
23) Vinyl Acetate	6.606	43	1691739	269.277	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	231303	56.317	ug/l	97
25) 2-Butanone	7.483	43	488552	304.814	ug/l #	83
26) 2,2-Dichloropropane	7.489	77	169559	49.288	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	131062	57.176	ug/l	84
28) Bromochloromethane	7.818	49	83337	46.537	ug/l #	77
29) Tetrahydrofuran	7.841	42	331378	322.014	ug/l #	83
30) Chloroform	7.971	83	227497	58.004	ug/l	99
31) Cyclohexane	8.259	56	201227	48.890	ug/l	85
32) 1,1,1-Trichloroethane	8.165	97	202772	58.275	ug/l	93
36) 1,1-Dichloropropene	8.371	75	161329	56.525	ug/l	95
37) Ethyl Acetate	7.565	43	187562	58.722	ug/l #	93
38) Carbon Tetrachloride	8.365	117	176624	61.048	ug/l	100
39) Methylcyclohexane	9.606	83	167329	53.486	ug/l #	89
40) Benzene	8.606	78	495576	58.228	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	109681	58.388	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	184808	56.459	ug/l	96
43) Isopropyl Acetate	8.688	43	334471	59.097	ug/l #	89
44) Trichloroethene	9.353	130	110942	57.385	ug/l	95
45) 1,2-Dichloropropane	9.624	63	128614	58.569	ug/l	96
46) Dibromomethane	9.712	93	84982	58.946	ug/l	98
47) Bromodichloromethane	9.888	83	186538	61.290	ug/l	93
48) Methyl methacrylate	9.683	41	164430	60.972	ug/l #	81
49) 1,4-Dioxane	9.700	88	50457	1335.188	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1039991	323.415	ug/l	90
52) Toluene	10.630	92	305739	59.861	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	189969	60.351	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190936	57.306	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	115369	62.157	ug/l	99
56) Ethyl methacrylate	10.877	69	196793	62.449	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	206703	59.562	ug/l	99
59) 2-Hexanone	11.194	43	777851	330.365	ug/l	90
60) Dibromochloromethane	11.359	129	136777	66.776	ug/l	99
61) 1,2-Dibromoethane	11.471	107	116131	60.915	ug/l	100
64) Tetrachloroethene	11.106	164	108514	55.978	ug/l	95
65) Chlorobenzene	11.894	112	324435	56.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	116577	61.254	ug/l	99
67) Ethyl Benzene	11.965	91	589471	57.033	ug/l	97
68) m/p-Xylenes	12.071	106	445207	117.528	ug/l	95
69) o-Xylene	12.400	106	211781	57.715	ug/l	92
70) Styrene	12.412	104	373335	61.253	ug/l	97
71) Bromoform	12.582	173	93291	61.469	ug/l #	99
73) Isopropylbenzene	12.694	105	542902	51.469	ug/l	99
74) N-amyl acetate	12.494	43	283508	48.863	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	166139	54.639	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	156017m	55.828	ug/l	
77) Bromobenzene	12.982	156	132562	52.734	ug/l	90
78) n-propylbenzene	13.035	91	646791	51.781	ug/l	97
79) 2-Chlorotoluene	13.123	91	398869	50.853	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	457541	53.644	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	64215	53.745	ug/l #	77
82) 4-Chlorotoluene	13.223	91	400219	52.188	ug/l	96
83) tert-Butylbenzene	13.441	119	391109	52.415	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	465700	53.368	ug/l	98
85) sec-Butylbenzene	13.618	105	539319	52.145	ug/l	98
86) p-Isopropyltoluene	13.729	119	448618	53.372	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	242316	53.207	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	238059	51.216	ug/l	99
89) n-Butylbenzene	14.059	91	375705	49.730	ug/l	98
90) Hexachloroethane	14.335	117	87191	55.987	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	230312	53.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36467	58.372	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	117395	48.582	ug/l	97
94) Hexachlorobutadiene	15.500	225	50593	47.715	ug/l	99
95) Naphthalene	15.641	128	401215	52.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119503	49.401	ug/l	97

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

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