

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079811.D
 Acq On : 02 Nov 2023 20:45
 Operator : JC\MD
 Sample : 05225-08MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-340-342MS

Quant Time: Nov 03 04:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	263721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207533	50.000	ug/l	0.00

11/03/2023
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237362	59.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.160%	
35) Dibromofluoromethane	8.171	113	185990	56.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.520%	
50) Toluene-d8	10.571	98	675337	55.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.853	95	229634	56.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.780%	

11/03/2023

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	169875	53.477	ug/l	100
3) Chloromethane	2.359	50	212321	53.947	ug/l	99
4) Vinyl Chloride	2.512	62	226370	54.440	ug/l	98
5) Bromomethane	2.942	94	149859	59.316	ug/l	98
6) Chloroethane	3.118	64	173496	52.806	ug/l	95
7) Trichlorofluoromethane	3.495	101	269360	52.083	ug/l	96
8) Diethyl Ether	3.959	74	109813	55.953	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	149718	49.938	ug/l	99
10) Methyl Iodide	4.589	142	180000	52.575	ug/l	99
11) Tert butyl alcohol	5.518	59	130314	254.074	ug/l	99
12) 1,1-Dichloroethene	4.336	96	150014	52.847	ug/l	87
13) Acrolein	4.177	56	141351	402.838	ug/l	97
14) Allyl chloride	5.024	41	277960	63.931	ug/l #	90
15) Acrylonitrile	5.718	53	483290	302.364	ug/l	99
16) Acetone	4.424	43	367170	260.161	ug/l	91
17) Carbon Disulfide	4.712	76	428617	52.346	ug/l	99
18) Methyl Acetate	5.024	43	375338	55.588	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	562784	57.585	ug/l	92
20) Methylene Chloride	5.277	84	194447	54.603	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	175692	55.495	ug/l #	76
22) Diisopropyl ether	6.677	45	637727	63.294	ug/l #	91
23) Vinyl Acetate	6.606	43	1653568	297.528	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	363609	59.374	ug/l	97
25) 2-Butanone	7.489	43	639868	309.612	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	253284	50.009	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	213787	56.453	ug/l	87
28) Bromochloromethane	7.812	49	180384	60.441	ug/l #	74
29) Tetrahydrofuran	7.841	42	432198	321.431	ug/l #	75
30) Chloroform	7.965	83	373469	56.143	ug/l	96
31) Cyclohexane	8.259	56	276884	52.151	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	310119	57.216	ug/l	94
36) 1,1-Dichloropropene	8.377	75	262949	55.705	ug/l	95
37) Ethyl Acetate	7.565	43	253091	58.462	ug/l #	92
38) Carbon Tetrachloride	8.365	117	259037	54.450	ug/l	98
39) Methylcyclohexane	9.606	83	242231	54.528	ug/l #	87
40) Benzene	8.606	78	814726	57.625	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	144097	62.681	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	305832	61.927	ug/l		97
43) Isopropyl Acetate	8.688	43	422545	55.656	ug/l	#	91
44) Trichloroethene	9.353	130	183925	52.425	ug/l		100
45) 1,2-Dichloropropane	9.624	63	219538	60.761	ug/l		95
46) Dibromomethane	9.712	93	144557	58.594	ug/l		95
47) Bromodichloromethane	9.888	83	296089	56.274	ug/l		98
48) Methyl methacrylate	9.682	41	212147	63.795	ug/l	#	80
49) 1,4-Dioxane	9.700	88	68363	1163.428	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.447	43	1380600	323.002	ug/l		90
52) Toluene	10.635	92	487705	58.186	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	298913	57.952	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	316570	56.308	ug/l	#	88
55) 1,1,2-Trichloroethane	11.018	97	200197	59.383	ug/l		96
56) Ethyl methacrylate	10.877	69	299277	62.235	ug/l	#	83
57) 1,3-Dichloropropane	11.165	76	358287	60.293	ug/l		99
59) 2-Hexanone	11.200	43	1005697	307.570	ug/l		87
60) Dibromochloromethane	11.359	129	211432	58.590	ug/l		99
61) 1,2-Dibromoethane	11.471	107	195907	57.897	ug/l		98
64) Tetrachloroethene	11.106	164	147002	51.780	ug/l		95
65) Chlorobenzene	11.894	112	510829	53.723	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	192019	56.050	ug/l		97
67) Ethyl Benzene	11.965	91	931313	56.217	ug/l		97
68) m/p-Xylenes	12.071	106	694280	112.502	ug/l		93
69) o-Xylene	12.400	106	338921	57.032	ug/l		95
70) Styrene	12.412	104	569010	59.580	ug/l		99
71) Bromoform	12.582	173	141646	58.227	ug/l	#	99
73) Isopropylbenzene	12.700	105	845094	53.655	ug/l		99
74) N-amyl acetate	12.494	43	360409	52.424	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	301475	53.985	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	260998m	53.568	ug/l		
77) Bromobenzene	12.982	156	204336	52.990	ug/l		93
78) n-propylbenzene	13.035	91	998100	55.337	ug/l		97
79) 2-Chlorotoluene	13.129	91	611278	53.051	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	691922	56.463	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	86583	48.350	ug/l	#	74
82) 4-Chlorotoluene	13.223	91	611248	53.385	ug/l		99
83) tert-Butylbenzene	13.441	119	554044	55.234	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	697256	57.832	ug/l		99
85) sec-Butylbenzene	13.618	105	790160	56.857	ug/l		100
86) p-Isopropyltoluene	13.729	119	644681	56.898	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	370995	51.717	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	373545	51.302	ug/l		99
89) n-Butylbenzene	14.059	91	546168	55.966	ug/l		99
90) Hexachloroethane	14.335	117	120774	53.822	ug/l		87
91) 1,2-Dichlorobenzene	14.106	146	361925	53.446	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52747	55.698	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	167821	52.119	ug/l		98
94) Hexachlorobutadiene	15.500	225	75266	51.564	ug/l		98
95) Naphthalene	15.641	128	532796	48.793	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	164782	52.208	ug/l		96

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

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

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 Supervised By :Mahesh
 Dadoda

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