

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079438.D
 Acq On : 06 Oct 2023 11:29
 Operator : JC\MD
 Sample : VN1006WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 06 23:01:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	410431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	376346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	152130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192136	50.380	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.760%			
35) Dibromofluoromethane	8.171	113	148924	50.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	10.571	98	563069	52.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.853	95	175699	51.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	64123	19.025	ug/l	100
3) Chloromethane	2.365	50	77103	18.334	ug/l	100
4) Vinyl Chloride	2.518	62	82157	18.781	ug/l	97
5) Bromomethane	2.953	94	49145	18.767	ug/l	100
6) Chloroethane	3.124	64	55915	16.955	ug/l	97
7) Trichlorofluoromethane	3.495	101	95193	18.431	ug/l	100
8) Diethyl Ether	3.965	74	32492	17.647	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.371	101	52386	17.357	ug/l	99
10) Methyl Iodide	4.589	142	50612	19.325	ug/l	100
11) Tert butyl alcohol	5.536	59	50122	87.321	ug/l	99
12) 1,1-Dichloroethene	4.342	96	48923	17.604	ug/l	93
13) Acrolein	4.177	56	47126	82.454	ug/l	94
14) Allyl chloride	5.024	41	75044	16.733	ug/l	90
15) Acrylonitrile	5.724	53	157205	94.468	ug/l	98
16) Acetone	4.430	43	148416	98.116	ug/l	96
17) Carbon Disulfide	4.712	76	151094	17.430	ug/l	98
18) Methyl Acetate	5.030	43	127369	17.203	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	168604	18.672	ug/l	97
20) Methylene Chloride	5.277	84	62842	18.593	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	55563	17.118	ug/l #	83
22) Diisopropyl ether	6.683	45	191441	19.037	ug/l #	92
23) Vinyl Acetate	6.612	43	537940	95.099	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	113623	18.462	ug/l	98
25) 2-Butanone	7.488	43	206620	92.031	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	86802	18.455	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	64489	18.289	ug/l	85
28) Bromochloromethane	7.818	49	60273	20.583	ug/l #	74
29) Tetrahydrofuran	7.841	42	133270	91.783	ug/l #	77
30) Chloroform	7.965	83	113309	18.222	ug/l	90
31) Cyclohexane	8.259	56	95063	17.573	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	92946	17.761	ug/l	94
36) 1,1-Dichloropropene	8.377	75	82527	18.643	ug/l	94
37) Ethyl Acetate	7.565	43	87934	19.963	ug/l #	87
38) Carbon Tetrachloride	8.365	117	82078	18.521	ug/l	98
39) Methylcyclohexane	9.606	83	78820	18.532	ug/l	89
40) Benzene	8.612	78	252015	19.169	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	44692	19.299	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	89447	18.724	ug/l	100
43) Isopropyl Acetate	8.694	43	135903	17.611	ug/l #	89
44) Trichloroethene	9.359	130	56738	18.336	ug/l	97
45) 1,2-Dichloropropane	9.624	63	67357	19.446	ug/l	99
46) Dibromomethane	9.718	93	44098	19.657	ug/l	96
47) Bromodichloromethane	9.894	83	89231	19.336	ug/l	96
48) Methyl methacrylate	9.688	41	59255	17.919	ug/l #	85
49) 1,4-Dioxane	9.700	88	25298	415.323	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	431290	99.004	ug/l	88
52) Toluene	10.635	92	153678	19.858	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	87894	18.900	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97585	19.168	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	59360	19.106	ug/l	98
56) Ethyl methacrylate	10.882	69	82573	19.342	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	106941	19.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	179718	109.923	ug/l #	87
59) 2-Hexanone	11.200	43	310569	98.797	ug/l	87
60) Dibromochloromethane	11.365	129	60074	19.239	ug/l	97
61) 1,2-Dibromoethane	11.476	107	59752	19.380	ug/l	96
64) Tetrachloroethene	11.106	164	46804	18.078	ug/l	97
65) Chlorobenzene	11.894	112	153314	18.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	56686	18.472	ug/l	99
67) Ethyl Benzene	11.970	91	270070	18.539	ug/l	95
68) m/p-Xylenes	12.076	106	203288	38.406	ug/l	95
69) o-Xylene	12.406	106	95807	18.405	ug/l	94
70) Styrene	12.417	104	155715	18.938	ug/l	95
71) Bromoform	12.582	173	40285	17.937	ug/l #	97
73) Isopropylbenzene	12.700	105	243825	17.228	ug/l	100
74) N-amyl acetate	12.500	43	103940	17.914	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	90278	19.009	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	80492m	18.351	ug/l	
77) Bromobenzene	12.988	156	57139	16.465	ug/l	92
78) n-propylbenzene	13.041	91	292421	18.262	ug/l	96
79) 2-Chlorotoluene	13.129	91	177118	17.285	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	209351	18.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27967	18.500	ug/l	87
82) 4-Chlorotoluene	13.223	91	174831	17.931	ug/l	98
83) tert-Butylbenzene	13.441	119	164550	17.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	202390	19.002	ug/l	100
85) sec-Butylbenzene	13.617	105	227622	17.847	ug/l	99
86) p-Isopropyltoluene	13.735	119	181380	18.538	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	99605	18.096	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	97977	17.239	ug/l	99
89) n-Butylbenzene	14.059	91	140277	17.954	ug/l	97
90) Hexachloroethane	14.341	117	36716	17.811	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	96158	17.910	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14060	17.180	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	30294	18.218	ug/l	96
94) Hexachlorobutadiene	15.506	225	24854	19.191	ug/l	98
95) Naphthalene	15.647	128	75841	14.936	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	34925	17.600	ug/l	97

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

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