

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078223.D
 Acq On : 15 Jun 2023 12:56
 Operator : JC\MD
 Sample : VN0615WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBS01

Quant Time: Jun 16 06:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	375957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	566989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	278892	55.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.280%			
35) Dibromofluoromethane	8.171	113	235650	56.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.220%			
50) Toluene-d8	10.571	98	874445	54.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.853	95	263033	52.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72423	17.042	ug/l	96
3) Chloromethane	2.371	50	79963	18.864	ug/l	94
4) Vinyl Chloride	2.524	62	105582	18.973	ug/l	99
5) Bromomethane	2.965	94	80913	19.239	ug/l	96
6) Chloroethane	3.130	64	79719	21.014	ug/l	99
7) Trichlorofluoromethane	3.506	101	146267	19.382	ug/l	97
8) Diethyl Ether	3.971	74	50223	18.941	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	79197	19.886	ug/l	94
10) Methyl Iodide	4.600	142	104409	18.538	ug/l	97
11) Tert butyl alcohol	5.536	59	62374	90.117	ug/l	98
12) 1,1-Dichloroethene	4.347	96	75052	18.281	ug/l	88
13) Acrolein	4.189	56	75006	98.326	ug/l	98
14) Allyl chloride	5.036	41	104464	20.845	ug/l	92
15) Acrylonitrile	5.736	53	181597	101.766	ug/l	96
16) Acetone	4.436	43	155439	107.732	ug/l	97
17) Carbon Disulfide	4.724	76	182366	17.258	ug/l	96
18) Methyl Acetate	5.036	43	132214	19.904	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	260016	19.850	ug/l	95
20) Methylene Chloride	5.283	84	90718	19.027	ug/l	89
21) trans-1,2-Dichloroethene	5.806	96	82992	18.743	ug/l	93
22) Diisopropyl ether	6.683	45	249063	21.128	ug/l #	93
23) Vinyl Acetate	6.612	43	716487	102.246	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	160971	20.700	ug/l	95
25) 2-Butanone	7.494	43	235645	106.206	ug/l	88
26) 2,2-Dichloropropane	7.500	77	135455	23.590	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	100363	19.002	ug/l	93
28) Bromochloromethane	7.818	49	80223	22.468	ug/l	87
29) Tetrahydrofuran	7.853	42	149931	101.083	ug/l #	83
30) Chloroform	7.977	83	174162	20.798	ug/l	94
31) Cyclohexane	8.265	56	126300	19.642	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	151655	20.629	ug/l	97
36) 1,1-Dichloropropene	8.377	75	122574	20.346	ug/l	97
37) Ethyl Acetate	7.571	43	94892	20.163	ug/l #	92
38) Carbon Tetrachloride	8.371	117	136190	21.410	ug/l	92
39) Methylcyclohexane	9.606	83	108640	17.401	ug/l	90
40) Benzene	8.612	78	372250	20.697	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54178	21.239	ug/l	91
42) 1,2-Dichloroethane	8.677	62	131818	21.376	ug/l	99
43) Isopropyl Acetate	8.694	43	169753	18.860	ug/l	96
44) Trichloroethene	9.359	130	94336	19.861	ug/l	96
45) 1,2-Dichloropropane	9.629	63	95708	21.388	ug/l	93
46) Dibromomethane	9.712	93	65021	19.727	ug/l	93
47) Bromodichloromethane	9.894	83	138263	22.583	ug/l	97
48) Methyl methacrylate	9.688	41	78201	20.704	ug/l	91
49) 1,4-Dioxane	9.700	88	30968	390.092	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	505035	106.558	ug/l	93
52) Toluene	10.635	92	226478	19.944	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	139997	21.957	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	149573	21.221	ug/l #	91
55) 1,1,2-Trichloroethane	11.023	97	91285	21.251	ug/l	89
56) Ethyl methacrylate	10.876	69	128957	20.617	ug/l	90
57) 1,3-Dichloropropane	11.170	76	157891	21.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	245797	97.278	ug/l	91
59) 2-Hexanone	11.200	43	348038	105.463	ug/l	91
60) Dibromochloromethane	11.365	129	95971	20.417	ug/l	96
61) 1,2-Dibromoethane	11.476	107	95628	21.213	ug/l	94
64) Tetrachloroethene	11.112	164	79604	21.045	ug/l	98
65) Chlorobenzene	11.894	112	240120	19.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	92804	20.780	ug/l	98
67) Ethyl Benzene	11.970	91	423638	20.220	ug/l	98
68) m/p-Xylenes	12.076	106	320103	40.090	ug/l	97
69) o-Xylene	12.400	106	156869	20.006	ug/l	94
70) Styrene	12.417	104	248647	20.143	ug/l	96
71) Bromoform	12.582	173	58594	20.330	ug/l #	97
73) Isopropylbenzene	12.700	105	391071	19.274	ug/l	100
74) N-amyl acetate	12.500	43	125255	18.746	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	131049	22.118	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	100359m	19.785	ug/l	
77) Bromobenzene	12.988	156	90274	19.166	ug/l	100
78) n-propylbenzene	13.041	91	434394	19.705	ug/l	99
79) 2-Chlorotoluene	13.129	91	277460	19.498	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	318876	19.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	32616	19.755	ug/l #	85
82) 4-Chlorotoluene	13.229	91	255300	19.223	ug/l	98
83) tert-Butylbenzene	13.441	119	272387	19.075	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	311506	19.559	ug/l	99
85) sec-Butylbenzene	13.623	105	335755	17.964	ug/l	98
86) p-Isopropyltoluene	13.735	119	269840	17.791	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	144128	18.090	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	141215	18.368	ug/l	98
89) n-Butylbenzene	14.059	91	197887	16.542	ug/l	99
90) Hexachloroethane	14.341	117	49887	18.534	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	149023	19.138	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18773	18.679	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	41639	15.009	ug/l	98
94) Hexachlorobutadiene	15.506	225	25268	16.802	ug/l	98
95) Naphthalene	15.647	128	120600	12.923	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	49954	16.099	ug/l	97

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

