

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078160.D
 Acq On : 12 Jun 2023 12:30
 Operator : JC\MD
 Sample : VN0612WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

Quant Time: Jun 13 01:29:54 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 06/13/2023
 Supervised By : Mahesh Dadoda 06/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	759992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	662327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	251551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312291	55.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.420%			
35) Dibromofluoromethane	8.177	113	256005	53.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.576	98	985507	53.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	12.853	95	308112	53.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	89401	18.643	ug/l	97
3) Chloromethane	2.371	50	97212	20.470	ug/l	96
4) Vinyl Chloride	2.518	62	123049	19.595	ug/l	94
5) Bromomethane	2.959	94	91540	19.289	ug/l	96
6) Chloroethane	3.130	64	83315	19.463	ug/l	96
7) Trichlorofluoromethane	3.500	101	165479	19.433	ug/l	97
8) Diethyl Ether	3.977	74	54858	18.334	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.383	101	91430	20.345	ug/l	97
10) Methyl Iodide	4.600	142	121577	19.129	ug/l	98
11) Tert butyl alcohol	5.524	59	84302	107.938	ug/l #	90
12) 1,1-Dichloroethene	4.341	96	86958	18.771	ug/l	97
13) Acrolein	4.189	56	80327	93.318	ug/l	93
14) Allyl chloride	5.030	41	115539	20.431	ug/l	94
15) Acrylonitrile	5.730	53	209394	103.990	ug/l	98
16) Acetone	4.441	43	208779	128.235	ug/l	99
17) Carbon Disulfide	4.718	76	221957	18.614	ug/l	97
18) Methyl Acetate	5.041	43	155375	20.729	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	289440	19.582	ug/l	98
20) Methylene Chloride	5.289	84	102710	19.091	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	95410	19.095	ug/l	88
22) Diisopropyl ether	6.683	45	275062	20.678	ug/l	94
23) Vinyl Acetate	6.612	43	809868	102.421	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	179958	20.508	ug/l	94
25) 2-Butanone	7.494	43	278362	111.182	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	154230	23.804	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	110053	18.465	ug/l	91
28) Bromochloromethane	7.818	49	95189	23.626	ug/l	88
29) Tetrahydrofuran	7.847	42	176594	105.510	ug/l	85
30) Chloroform	7.971	83	190265	20.136	ug/l	96
31) Cyclohexane	8.265	56	144352	19.895	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	171157	20.632	ug/l	98
36) 1,1-Dichloropropene	8.377	75	142553	20.682	ug/l	97
37) Ethyl Acetate	7.571	43	112569	20.906	ug/l #	93
38) Carbon Tetrachloride	8.371	117	150069	20.620	ug/l	95
39) Methylcyclohexane	9.606	83	143031	20.024	ug/l	88
40) Benzene	8.612	78	418518	20.339	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	58440	20.023	ug/l	93
42) 1,2-Dichloroethane	8.677	62	148317	21.022	ug/l	98
43) Isopropyl Acetate	8.694	43	189105	18.364	ug/l	96
44) Trichloroethene	9.359	130	107021	19.694	ug/l	99
45) 1,2-Dichloropropane	9.629	63	106127	20.729	ug/l	98
46) Dibromomethane	9.712	93	75365	19.985	ug/l	96
47) Bromodichloromethane	9.894	83	149744	21.377	ug/l	99
48) Methyl methacrylate	9.688	41	86407	19.995	ug/l	93
49) 1,4-Dioxane	9.700	88	38497	423.843	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	581052	107.152	ug/l	93
52) Toluene	10.635	92	266373	20.503	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	155210	21.276	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	167901	20.821	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	103937	21.148	ug/l	95
56) Ethyl methacrylate	10.876	69	143376	20.035	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	174219	21.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	309252	106.973	ug/l	94
59) 2-Hexanone	11.200	43	415770	110.116	ug/l	92
60) Dibromochloromethane	11.365	129	109963	20.447	ug/l	98
61) 1,2-Dibromoethane	11.470	107	102789	19.929	ug/l	99
64) Tetrachloroethene	11.112	164	93204	21.094	ug/l	98
65) Chlorobenzene	11.900	112	278291	19.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	107240	20.556	ug/l	96
67) Ethyl Benzene	11.970	91	497060	20.309	ug/l	95
68) m/p-Xylenes	12.076	106	374777	40.181	ug/l	97
69) o-Xylene	12.406	106	182651	19.941	ug/l	95
70) Styrene	12.417	104	294717	20.438	ug/l	99
71) Bromoform	12.582	173	68628	20.384	ug/l #	99
73) Isopropylbenzene	12.700	105	468926	19.713	ug/l	99
74) N-amyl acetate	12.500	43	146162	18.659	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	147217	21.086	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	98838m	16.620	ug/l	
77) Bromobenzene	12.988	156	105192	19.050	ug/l	97
78) n-propylbenzene	13.041	91	537678	20.804	ug/l	99
79) 2-Chlorotoluene	13.129	91	330017	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	388250	20.160	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	40096	20.715	ug/l	88
82) 4-Chlorotoluene	13.229	91	306923	19.713	ug/l	98
83) tert-Butylbenzene	13.447	119	322171	19.245	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	365547	19.578	ug/l	96
85) sec-Butylbenzene	13.623	105	427221	19.498	ug/l	99
86) p-Isopropyltoluene	13.735	119	350038	19.686	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	174508	18.683	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	172580	19.148	ug/l	99
89) n-Butylbenzene	14.059	91	266001	18.966	ug/l	98
90) Hexachloroethane	14.341	117	63078	19.990	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	176624	19.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22233	18.870	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	57134	17.566	ug/l	98
94) Hexachlorobutadiene	15.505	225	33461	19.346	ug/l	98
95) Naphthalene	15.647	128	168590	15.410	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	60645	16.671	ug/l	95

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

