

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077921.D
 Acq On : 26 May 2023 12:40
 Operator : JC\MD
 Sample : VN0526WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBS01

Quant Time: May 29 00:26:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	568736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281886	50.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.620%			
35) Dibromofluoromethane	8.171	113	238056	54.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.300%			
50) Toluene-d8	10.571	98	887858	52.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.859	95	288806	48.775	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72936	17.115	ug/l	95
3) Chloromethane	2.371	50	81022	16.740	ug/l	98
4) Vinyl Chloride	2.524	62	100727	18.747	ug/l	99
5) Bromomethane	2.971	94	81456	20.499	ug/l	94
6) Chloroethane	3.130	64	72010	18.597	ug/l	95
7) Trichlorofluoromethane	3.506	101	147803	19.739	ug/l	93
8) Diethyl Ether	3.971	74	51652	18.895	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	79548	19.197	ug/l	96
10) Methyl Iodide	4.595	142	101669	20.573	ug/l	94
11) Tert butyl alcohol	5.530	59	64361	83.235	ug/l	100
12) 1,1-Dichloroethene	4.353	96	75807	19.248	ug/l	89
13) Acrolein	4.195	56	41915	65.984	ug/l	99
14) Allyl chloride	5.036	41	102713	17.753	ug/l	94
15) Acrylonitrile	5.730	53	179463	86.873	ug/l	98
16) Acetone	4.436	43	160306	90.942	ug/l	92
17) Carbon Disulfide	4.730	76	187048	17.626	ug/l	99
18) Methyl Acetate	5.036	43	128105	17.323	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	269066	18.874	ug/l	99
20) Methylene Chloride	5.289	84	97938	20.168	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	84603	19.123	ug/l	87
22) Diisopropyl ether	6.683	45	256497	18.914	ug/l	95
23) Vinyl Acetate	6.612	43	849043m	101.048	ug/l	
24) 1,1-Dichloroethane	6.577	63	164635	19.816	ug/l	97
25) 2-Butanone	7.489	43	237284	86.053	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	135409	19.184	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	104105	19.625	ug/l	91
28) Bromochloromethane	7.818	49	71765	19.973	ug/l	89
29) Tetrahydrofuran	7.847	42	149167	82.616	ug/l #	83
30) Chloroform	7.977	83	177330	19.403	ug/l	97
31) Cyclohexane	8.259	56	145079	19.052	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	157345	20.249	ug/l	98
36) 1,1-Dichloropropene	8.377	75	127764	20.055	ug/l	99
37) Ethyl Acetate	7.571	43	90366	15.914	ug/l	96
38) Carbon Tetrachloride	8.371	117	135856	21.118	ug/l	96
39) Methylcyclohexane	9.606	83	142019	18.209	ug/l	93
40) Benzene	8.612	78	386722	20.570	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	53960	17.844	ug/l	91
42) 1,2-Dichloroethane	8.677	62	137225	20.094	ug/l	97
43) Isopropyl Acetate	8.694	43	168497	18.167	ug/l	96
44) Trichloroethene	9.359	130	102730	21.580	ug/l	98
45) 1,2-Dichloropropane	9.630	63	99118	20.670	ug/l	96
46) Dibromomethane	9.712	93	68435	19.944	ug/l	94
47) Bromodichloromethane	9.894	83	134851	20.527	ug/l	96
48) Methyl methacrylate	9.688	41	78312	17.808	ug/l	89
49) 1,4-Dioxane	9.706	88	29817	358.997	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	491532	89.156	ug/l	94
52) Toluene	10.635	92	244372	20.879	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	135145	19.426	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	154341	20.132	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	93866	20.198	ug/l	92
56) Ethyl methacrylate	10.882	69	132077	18.797	ug/l	91
57) 1,3-Dichloropropane	11.171	76	164806	20.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	273050	78.990	ug/l	92
59) 2-Hexanone	11.200	43	338888	83.104	ug/l	92
60) Dibromochloromethane	11.365	129	98942	20.624	ug/l	100
61) 1,2-Dibromoethane	11.477	107	94059	20.288	ug/l	98
64) Tetrachloroethene	11.112	164	93949	23.621	ug/l	97
65) Chlorobenzene	11.900	112	257588	20.892	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.971	131	95392	22.360	ug/l	97
67) Ethyl Benzene	11.971	91	464883	21.040	ug/l	97
68) m/p-Xylenes	12.076	106	354437	42.336	ug/l	98
69) o-Xylene	12.406	106	174235	21.162	ug/l	97
70) Styrene	12.418	104	267812	20.476	ug/l	97
71) Bromoform	12.588	173	58137	20.485	ug/l #	98
73) Isopropylbenzene	12.700	105	449933	22.837	ug/l	100
74) N-amyl acetate	12.500	43	130139	17.870	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	122958	20.286	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	105187m	18.376	ug/l	
77) Bromobenzene	12.982	156	93839	20.871	ug/l	96
78) n-propylbenzene	13.041	91	501459	21.589	ug/l	99
79) 2-Chlorotoluene	13.129	91	310392	22.394	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	380137	22.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	30017	16.763	ug/l #	76
82) 4-Chlorotoluene	13.229	91	289157	20.968	ug/l	100
83) tert-Butylbenzene	13.447	119	321569	22.245	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	367282	22.553	ug/l	99
85) sec-Butylbenzene	13.623	105	425516	20.712	ug/l	98
86) p-Isopropyltoluene	13.735	119	356439	21.763	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	172270	20.718	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	164849	19.979	ug/l	98
89) n-Butylbenzene	14.065	91	277284	18.406	ug/l	98
90) Hexachloroethane	14.341	117	58991	21.925	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	170516	21.951	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19847	16.913	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	59813	13.177	ug/l	97
94) Hexachlorobutadiene	15.512	225	30244	16.047	ug/l	96
95) Naphthalene	15.647	128	174928	11.196	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	62607	14.086	ug/l	94

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

