

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067182.D
 Acq On : 28 May 2021 14:52
 Operator : JC/MD
 Sample : VN0528WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2021 12:13:32 PM

Quant Time: May 29 02:20:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.581	168	232172	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.509	114	437530	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.344	117	386219	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.283	152	157950	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.943	65	178458	49.53	ug/l	-0.02
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.06%		
35) Dibromofluoromethane	7.503	113	138871	51.72	ug/l	-0.02
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.44%		
50) Toluene-d8	10.021	98	524979	50.80	ug/l	-0.01
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.60%		
62) 4-Bromofluorobenzene	12.339	95	187609	53.11	ug/l	-0.02
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.828	85	55991	18.87	ug/l	100
3) Chloromethane	2.032	50	71818	17.27	ug/l	96
4) Vinyl Chloride	2.158	62	65862	18.45	ug/l	100
5) Bromomethane	2.515	94	35083	18.15	ug/l	96
6) Chloroethane	2.659	64	36976	19.33	ug/l	95
7) Trichlorofluoromethane	2.965	101	79977	18.82	ug/l	98
8) Diethyl Ether	3.343	74	36674	18.67	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.692	101	51870	19.28	ug/l	87
10) Methyl Iodide	3.880	142	59585	15.05	ug/l	92
11) Tert butyl alcohol	4.679	59	50669	66.75	ug/l #	83
12) 1,1-Dichloroethene	3.668	96	51785	18.57	ug/l	89
13) Acrolein	3.539	56	49250	78.05	ug/l	93
14) Allyl chloride	4.236	41	110184	17.98	ug/l #	92
15) Acrylonitrile	4.885	53	131573	84.29	ug/l	97
16) Acetone	3.740	43	120012	81.03	ug/l	98
17) Carbon Disulfide	3.979	76	157846	18.42	ug/l	100
18) Methyl Acetate	4.242	43	73717	17.83	ug/l	91
19) Methyl tert-butyl Ether	4.939	73	170651	18.39	ug/l	94
20) Methylene Chloride	4.464	84	63650	17.49	ug/l #	84
21) trans-1,2-Dichloroethene	4.939	96	53698	17.66	ug/l	85
22) Diisopropyl ether	5.854	45	195386	18.45	ug/l #	93
23) Vinyl Acetate	5.795	43	860649	88.51	ug/l #	93
24) 1,1-Dichloroethane	5.744	63	113279	18.48	ug/l	97
25) 2-Butanone	6.733	43	187248	79.53	ug/l #	88
26) 2,2-Dichloropropane	6.720	77	95427	18.33	ug/l	97
27) cis-1,2-Dichloroethene	6.728	96	67047	18.97	ug/l	89
28) Bromochloromethane	7.101	49	54779	18.45	ug/l #	69
29) Tetrahydrofuran	7.114	42	120349	78.79	ug/l	86
30) Chloroform	7.283	83	110032	18.41	ug/l	100
31) Cyclohexane	7.570	56	98810	17.72	ug/l	90
32) 1,1,1-Trichloroethane	7.482	97	94173	18.41	ug/l	95
36) 1,1-Dichloropropene	7.710	75	81408	18.40	ug/l	94
37) Ethyl Acetate	6.830	43	85095	17.45	ug/l #	94
38) Carbon Tetrachloride	7.691	117	75613	17.55	ug/l	97
39) Methylcyclohexane	9.005	83	90845	18.69	ug/l	90
40) Benzene	7.959	78	250802	18.55	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.074	41	36678	15.69	ug/l	90
42) 1,2-Dichloroethane	8.039	62	84468	18.35	ug/l	97
43) Isopropyl Acetate	8.085	43	145206	17.16	ug/l #	84
44) Trichloroethene	8.764	130	57909	19.13	ug/l	81
45) 1,2-Dichloropropane	9.042	63	68826	18.65	ug/l	99
46) Dibromomethane	9.136	93	41476	18.36	ug/l #	81
47) Bromodichloromethane	9.329	83	85897	18.28	ug/l	99
48) Methyl methacrylate	9.128	41	59836	15.91	ug/l	90
49) 1,4-Dioxane	9.131	88	15048	323.29	ug/l #	81
51) 4-Methyl-2-Pentanone	9.914	43	403977	86.20	ug/l	92
52) Toluene	10.086	92	153256	18.81	ug/l	99
53) t-1,3-Dichloropropene	10.316	75	93476	18.68	ug/l	98
54) cis-1,3-Dichloropropene	9.769	75	105834	18.86	ug/l #	89
55) 1,1,2-Trichloroethane	10.496	97	58620	18.62	ug/l	96
56) Ethyl methacrylate	10.365	69	84289	17.10	ug/l #	82
57) 1,3-Dichloropropane	10.638	76	101325	18.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.627	63	116396	157.60	ug/l	91
59) 2-Hexanone	10.689	43	228438	78.31	ug/l	94
60) Dibromochloromethane	10.837	129	59387	18.21	ug/l	97
61) 1,2-Dibromoethane	10.941	107	56904	18.31	ug/l	99
64) Tetrachloroethene	10.566	164	46845	17.76	ug/l	92
65) Chlorobenzene	11.368	112	152740	19.37	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.443	131	55110	18.37	ug/l	99
67) Ethyl Benzene	11.448	91	284446	19.24	ug/l	96
68) m/p-Xylenes	11.558	106	212187	40.54	ug/l	92
69) o-Xylene	11.885	106	102820	19.08	ug/l	89
70) Styrene	11.904	104	163724	19.14	ug/l	95
71) Bromoform	12.068	173	35843	17.95	ug/l #	98
73) Isopropylbenzene	12.186	105	272547	17.63	ug/l	96
74) N-amyl acetate	12.028	43	38664	13.25	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.443	83	82624	16.06	ug/l	97
76) 1,2,3-Trichloropropane	12.491	75	74895m	17.03	ug/l	
77) Bromobenzene	12.465	156	56462	17.99	ug/l	74
78) n-propylbenzene	12.529	91	315829	19.03	ug/l	94
79) 2-Chlorotoluene	12.612	91	188159	17.52	ug/l	92
80) 1,3,5-Trimethylbenzene	12.671	105	227145	17.81	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.242	75	19956	18.35	ug/l	90
82) 4-Chlorotoluene	12.714	91	186511	19.37	ug/l	91
83) tert-Butylbenzene	12.931	119	195312	17.08	ug/l	91
84) 1,2,4-Trimethylbenzene	12.980	105	223200	19.34	ug/l	94
85) sec-Butylbenzene	13.111	105	265871	18.54	ug/l	95
86) p-Isopropyltoluene	13.229	119	222278	19.84	ug/l	95
87) 1,3-Dichlorobenzene	13.224	146	100782	19.30	ug/l	96
88) 1,4-Dichlorobenzene	13.304	146	100645	18.09	ug/l	94
89) n-Butylbenzene	13.556	91	200872	21.63	ug/l	95
90) Hexachloroethane	13.811	117	35712	15.52	ug/l	73
91) 1,2-Dichlorobenzene	13.594	146	100430	20.18	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.213	75	13425	15.66	ug/l	74
93) 1,2,4-Trichlorobenzene	14.852	180	49212	20.20	ug/l	96
94) Hexachlorobutadiene	14.948	225	27568	20.03	ug/l	95
95) Naphthalene	15.069	128	125830	18.35	ug/l	98
96) 1,2,3-Trichlorobenzene	15.249	180	45658	20.18	ug/l	93

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

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