

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061502.D
 Acq On : 20 May 2020 15:53
 Operator : JC/MD
 Sample : VN0520WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:16:16 PM

Quant Time: May 21 01:42:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	494130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	183627	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	7.54	113	134062	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	10.06	98	551315	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.37	95	207959	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43916	18.904	ug/l	99
3) Chloromethane	2.03	50	62308	16.444	ug/l	99
4) Vinyl Chloride	2.16	62	87336	16.105	ug/l	98
5) Bromomethane	2.54	94	54097	17.102	ug/l	98
6) Chloroethane	2.67	64	59050	16.178	ug/l	99
7) Trichlorofluoromethane	2.98	101	102066	15.503	ug/l	99
8) Diethyl Ether	3.37	74	34933	18.216	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52381	19.132	ug/l	96
10) Methyl Iodide	3.91	142	66700	20.058	ug/l	99
11) Tert butyl alcohol	4.73	59	48401m	100.740	ug/l	
12) 1,1-Dichloroethene	3.70	96	52098	18.192	ug/l	92
13) Acrolein	3.56	56	19003	39.184	ug/l	99
14) Allyl chloride	4.27	41	78175	16.773	ug/l	94
15) Acrylonitrile	4.93	53	122614	86.140	ug/l	99
16) Acetone	3.77	43	98085	84.366	ug/l	96
17) Carbon Disulfide	4.01	76	133250	19.749	ug/l	100
18) Methyl Acetate	4.27	43	50502	16.953	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	200397	18.439	ug/l	99
20) Methylene Chloride	4.50	84	61603	17.976	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	60275	18.252	ug/l	96
22) Diisopropyl ether	5.90	45	175705	16.777	ug/l	97
23) Vinyl Acetate	5.84	43	708699	85.094	ug/l	98
24) 1,1-Dichloroethane	5.79	63	105750	17.311	ug/l	99
25) 2-Butanone	6.78	43	153350	80.772	ug/l	97
26) 2,2-Dichloropropane	6.77	77	102157	17.542	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	74670	19.142	ug/l	91
28) Bromochloromethane	7.14	49	46028	17.751	ug/l	89
29) Tetrahydrofuran	7.17	42	100845	80.204	ug/l	94
30) Chloroform	7.33	83	120281	18.852	ug/l	98
31) Cyclohexane	7.61	56	92547	15.136	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	109546	18.789	ug/l	96
36) 1,1-Dichloropropene	7.75	75	84109	18.204	ug/l	97
37) Ethyl Acetate	6.88	43	67976	16.223	ug/l	98
38) Carbon Tetrachloride	7.73	117	82913	19.489	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	95796	16.975	ug/l	96
40) Benzene	8.00	78	258300	18.551	ug/l	99
41) Methacrylonitrile	7.13	41	32661	18.455	ug/l	98
42) 1,2-Dichloroethane	8.09	62	92963	18.531	ug/l	98
43) Isopropyl Acetate	8.12	43	123781	16.937	ug/l #	90
44) Trichloroethene	8.80	130	71991	19.732	ug/l	97
45) 1,2-Dichloropropane	9.08	63	64513	18.511	ug/l	99
46) Dibromomethane	9.17	93	47991	19.643	ug/l	97
47) Bromodichloromethane	9.37	83	97254	18.893	ug/l	100
48) Methyl methacrylate	9.17	41	53746	15.920	ug/l	95
49) 1,4-Dioxane	9.17	88	19347	527.010	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	341470	85.772	ug/l	98
52) Toluene	10.12	92	170809	19.108	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105546	18.707	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	111799	18.640	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	68295	20.208	ug/l	98
56) Ethyl methacrylate	10.40	69	97545	18.462	ug/l	96
57) 1,3-Dichloropropane	10.68	76	111700	19.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	195623	84.349	ug/l	94
59) 2-Hexanone	10.72	43	240125	83.368	ug/l	98
60) Dibromochloromethane	10.87	129	74159	19.837	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71007	19.982	ug/l	99
64) Tetrachloroethene	10.60	164	70721	19.653	ug/l	97
65) Chlorobenzene	11.40	112	183348	19.330	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	67580	19.874	ug/l	98
67) Ethyl Benzene	11.48	91	326753	18.872	ug/l	98
68) m/p-Xylenes	11.59	106	254169	38.674	ug/l	97
69) o-Xylene	11.92	106	123176	19.368	ug/l	96
70) Styrene	11.94	104	202081	19.188	ug/l	99
71) Bromoform	12.10	173	46680	18.960	ug/l #	97
73) Isopropylbenzene	12.22	105	319525	18.478	ug/l	100
74) N-amyl acetate	12.04	43	103584	16.365	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	87022	18.291	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	81992m	17.739	ug/l	
77) Bromobenzene	12.50	156	74759	19.920	ug/l	92
78) n-propylbenzene	12.56	91	359458	18.244	ug/l	98
79) 2-Chlorotoluene	12.65	91	213372	18.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	263647	18.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	28658	16.448	ug/l	96
82) 4-Chlorotoluene	12.75	91	222968	18.490	ug/l	98
83) tert-Butylbenzene	12.97	119	224289	18.493	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	267483	18.876	ug/l	99
85) sec-Butylbenzene	13.15	105	286068	17.443	ug/l	100
86) p-Isopropyltoluene	13.26	119	261135	17.931	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135333	19.704	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135453	19.692	ug/l	99
89) n-Butylbenzene	13.59	91	226487	17.119	ug/l	99
90) Hexachloroethane	13.85	117	34443	17.451	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	131966	20.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16507	17.176	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	71220	19.937	ug/l	98
94) Hexachlorobutadiene	14.99	225	28251	17.799	ug/l	96
95) Naphthalene	15.10	128	231878	20.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69347	19.500	ug/l	99

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

