

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062729.D
 Acq On : 3 Aug 2020 12:36
 Operator : JC/MD
 Sample : VN0803WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:52:17 PM

Quant Time: Aug 04 04:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	136848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	224097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	209713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	121056	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.55	113	80840	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.06	98	299966	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.37	95	113526	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31728	19.437	ug/l	96
3) Chloromethane	2.03	50	33028	14.918	ug/l	98
4) Vinyl Chloride	2.16	62	32341	16.851	ug/l	99
5) Bromomethane	2.52	94	20721	24.375	ug/l	99
6) Chloroethane	2.67	64	19789	22.794	ug/l	99
7) Trichlorofluoromethane	2.98	101	56864	25.234	ug/l	95
8) Diethyl Ether	3.37	74	21114	20.036	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30490	21.103	ug/l	99
10) Methyl Iodide	3.91	142	36315	19.660	ug/l	92
11) Tert butyl alcohol	4.73	59	32765	96.885	ug/l	97
12) 1,1-Dichloroethene	3.69	96	28524	19.466	ug/l	98
13) Acrolein	3.57	56	15082	49.756	ug/l	96
14) Allyl chloride	4.27	41	55295	17.446	ug/l	92
15) Acrylonitrile	4.93	53	85933	94.868	ug/l	97
16) Acetone	3.77	43	78180	97.727	ug/l	98
17) Carbon Disulfide	4.01	76	80368	16.693	ug/l	99
18) Methyl Acetate	4.28	43	44194	21.822	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	114924	21.309	ug/l	99
20) Methylene Chloride	4.50	84	36149	18.841	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31472	19.352	ug/l	94
22) Diisopropyl ether	5.90	45	117121	18.590	ug/l #	90
23) Vinyl Acetate	5.84	43	482797	93.523	ug/l	98
24) 1,1-Dichloroethane	5.80	63	66808	19.692	ug/l	99
25) 2-Butanone	6.79	43	113501	93.160	ug/l	94
26) 2,2-Dichloropropane	6.77	77	61149	21.956	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37031	19.955	ug/l	99
28) Bromochloromethane	7.15	49	31503	18.868	ug/l	89
29) Tetrahydrofuran	7.17	42	73902	89.643	ug/l	94
30) Chloroform	7.33	83	69013	21.394	ug/l	99
31) Cyclohexane	7.61	56	54580	17.424	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	61527	22.845	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48284	20.214	ug/l	99
37) Ethyl Acetate	6.88	43	47806	18.567	ug/l	99
38) Carbon Tetrachloride	7.73	117	55643	24.235	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50232	19.536	ug/l	99
40) Benzene	8.00	78	140788	19.469	ug/l	100
41) Methacrylonitrile	7.13	41	21901	19.847	ug/l #	90
42) 1,2-Dichloroethane	8.08	62	60150	22.751	ug/l	96
43) Isopropyl Acetate	8.13	43	79200	19.081	ug/l #	91
44) Trichloroethene	8.80	130	33956	20.822	ug/l	97
45) 1,2-Dichloropropane	9.08	63	38557	18.990	ug/l	96
46) Dibromomethane	9.17	93	25457	21.693	ug/l	97
47) Bromodichloromethane	9.37	83	55761	21.933	ug/l	98
48) Methyl methacrylate	9.17	41	38176	19.348	ug/l	94
49) 1,4-Dioxane	9.16	88	12080	398.610	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	239367	96.379	ug/l	99
52) Toluene	10.12	92	85357	20.327	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61910	21.875	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62097	20.447	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	34616	21.253	ug/l	96
56) Ethyl methacrylate	10.40	69	53823	19.521	ug/l	95
57) 1,3-Dichloropropane	10.68	76	60891	20.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74884	95.976	ug/l	97
59) 2-Hexanone	10.72	43	173703	92.325	ug/l	98
60) Dibromochloromethane	10.87	129	41276	22.716	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34849	20.547	ug/l	99
64) Tetrachloroethene	10.60	164	28980	21.269	ug/l	97
65) Chlorobenzene	11.41	112	91954	20.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36378	21.995	ug/l	96
67) Ethyl Benzene	11.48	91	164814	20.446	ug/l	100
68) m/p-Xylenes	11.60	106	121496	41.933	ug/l	97
69) o-Xylene	11.92	106	57823	21.016	ug/l	96
70) Styrene	11.94	104	100545	21.633	ug/l	97
71) Bromoform	12.10	173	28667	23.084	ug/l #	99
73) Isopropylbenzene	12.22	105	162884	20.741	ug/l	98
74) N-amyl acetate	12.05	43	68096	19.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53572	19.630	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	50482m	19.969	ug/l	
77) Bromobenzene	12.50	156	38669	20.489	ug/l	94
78) n-propylbenzene	12.57	91	188221	20.461	ug/l	100
79) 2-Chlorotoluene	12.65	91	117487	20.724	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	142526	21.879	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17412	19.173	ug/l	90
82) 4-Chlorotoluene	12.75	91	120649	20.446	ug/l	99
83) tert-Butylbenzene	12.97	119	118205	21.852	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	140376	21.966	ug/l	98
85) sec-Butylbenzene	13.15	105	156551	21.618	ug/l	99
86) p-Isopropyltoluene	13.26	119	140539	22.564	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68068	20.552	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	68863	21.122	ug/l	98
89) n-Butylbenzene	13.59	91	115009	21.490	ug/l	100
90) Hexachloroethane	13.85	117	27627	20.836	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	64462	20.355	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10475	21.141	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30684	20.388	ug/l	97
94) Hexachlorobutadiene	14.98	225	21873	25.317	ug/l	98
95) Naphthalene	15.10	128	76846	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30828	20.657	ug/l	98

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

