

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060582.D
 Acq On : 18 Mar 2020 11:31
 Operator : JC/MD
 Sample : VN0318WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 1:02:54 PM

Quant Time: Mar 19 05:48:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	213443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	356315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	140969	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.56	113	103973	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.08	98	421646	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.39	95	150349	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39323	19.040	ug/l	100
3) Chloromethane	2.03	50	65697	17.032	ug/l	99
4) Vinyl Chloride	2.16	62	53255	17.652	ug/l	99
5) Bromomethane	2.55	94	24401	18.736	ug/l	97
6) Chloroethane	2.68	64	31450	18.096	ug/l	99
7) Trichlorofluoromethane	3.00	101	68307	18.380	ug/l	99
8) Diethyl Ether	3.38	74	28725	19.240	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	41227	19.144	ug/l	99
10) Methyl Iodide	3.93	142	40337	21.050	ug/l	100
11) Tert butyl alcohol	4.73	59	40561	94.126	ug/l	98
12) 1,1-Dichloroethene	3.71	96	41858	18.113	ug/l	98
13) Acrolein	3.57	56	41183	86.231	ug/l	99
14) Allyl chloride	4.29	41	79454	19.549	ug/l	93
15) Acrylonitrile	4.94	53	113539	89.601	ug/l	99
16) Acetone	3.78	43	96442	92.921	ug/l	100
17) Carbon Disulfide	4.03	76	128892	18.339	ug/l	99
18) Methyl Acetate	4.29	43	51862	17.752	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	145940	18.368	ug/l	98
20) Methylene Chloride	4.52	84	46878	18.361	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	45671	18.543	ug/l	98
22) Diisopropyl ether	5.91	45	160245	18.662	ug/l	97
23) Vinyl Acetate	5.86	43	661857	94.468	ug/l	100
24) 1,1-Dichloroethane	5.81	63	86739	18.530	ug/l	99
25) 2-Butanone	6.80	43	150219	89.443	ug/l	100
26) 2,2-Dichloropropane	6.79	77	73417	19.934	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	51628	18.446	ug/l	99
28) Bromochloromethane	7.17	49	41646	18.595	ug/l	97
29) Tetrahydrofuran	7.18	42	104930	88.302	ug/l	99
30) Chloroform	7.34	83	83283	18.558	ug/l	98
31) Cyclohexane	7.63	56	84607	17.928	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	71464	18.473	ug/l	99
36) 1,1-Dichloropropene	7.77	75	64810	18.784	ug/l	99
37) Ethyl Acetate	6.89	43	67185	18.022	ug/l	98
38) Carbon Tetrachloride	7.75	117	57192	18.495	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	77496	18.901	ug/l	99
40) Benzene	8.02	78	194295	18.655	ug/l	100
41) Methacrylonitrile	7.14	41	27027m	16.987	ug/l	
42) 1,2-Dichloroethane	8.10	62	68493	19.242	ug/l	99
43) Isopropyl Acetate	8.14	43	112693	18.329	ug/l	99
44) Trichloroethene	8.82	130	50719	19.317	ug/l	96
45) 1,2-Dichloropropane	9.10	63	52079	18.950	ug/l	99
46) Dibromomethane	9.19	93	31915	19.208	ug/l	99
47) Bromodichloromethane	9.38	83	64833	18.778	ug/l	98
48) Methyl methacrylate	9.18	41	48642	17.769	ug/l	99
49) 1,4-Dioxane	9.18	88	14560	447.490	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	322396	92.149	ug/l	99
52) Toluene	10.14	92	118496	18.838	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	76139	19.198	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	82571	18.978	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	45514	18.808	ug/l	99
56) Ethyl methacrylate	10.42	69	69673	18.465	ug/l	99
57) 1,3-Dichloropropane	10.70	76	80662	19.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	179432	95.680	ug/l	100
59) 2-Hexanone	10.74	43	228426	90.636	ug/l	99
60) Dibromochloromethane	10.89	129	47071	18.831	ug/l	100
61) 1,2-Dibromoethane	11.00	107	45969	18.891	ug/l	99
64) Tetrachloroethene	10.62	164	49424	19.555	ug/l	98
65) Chlorobenzene	11.43	112	119998	18.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	44240	19.190	ug/l	99
67) Ethyl Benzene	11.50	91	223670	18.890	ug/l	99
68) m/p-Xylenes	11.61	106	166449	37.828	ug/l	98
69) o-Xylene	11.94	106	80719	19.217	ug/l	99
70) Styrene	11.96	104	126764	18.452	ug/l	99
71) Bromoform	12.12	173	32261	17.952	ug/l #	100
73) Isopropylbenzene	12.24	105	213363	19.270	ug/l	100
74) N-amyl acetate	12.06	43	96039	18.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	62022	18.523	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	56210m	17.656	ug/l	
77) Bromobenzene	12.52	156	50106	18.780	ug/l	99
78) n-propylbenzene	12.58	91	248791	19.019	ug/l	100
79) 2-Chlorotoluene	12.67	91	146960	18.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	178037	18.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23047	18.592	ug/l	98
82) 4-Chlorotoluene	12.77	91	152701	19.182	ug/l	99
83) tert-Butylbenzene	12.99	119	147928	18.991	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	176934	19.034	ug/l	100
85) sec-Butylbenzene	13.17	105	200892	19.180	ug/l	100
86) p-Isopropyltoluene	13.28	119	180534	19.168	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	90765	19.288	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	89220	18.872	ug/l	98
89) n-Butylbenzene	13.61	91	161202	18.957	ug/l	100
90) Hexachloroethane	13.87	117	25907	18.923	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	86149	19.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12179	17.190	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52770	19.098	ug/l	96
94) Hexachlorobutadiene	15.01	225	26945	19.892	ug/l	98
95) Naphthalene	15.13	128	147827	17.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49959	18.356	ug/l	99

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

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