

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061453.D
 Acq On : 19 May 2020 1:44
 Operator : JC/MD
 Sample : VN0518WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:24:34 PM

Quant Time: May 19 04:50:51 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	254640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	188280	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.54	113	129598	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.06	98	553014	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.37	95	209084	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36155	17.076	ug/l	96
3) Chloromethane	2.03	50	60669	17.568	ug/l	97
4) Vinyl Chloride	2.16	62	89121	18.032	ug/l	99
5) Bromomethane	2.54	94	52579	18.525	ug/l	100
6) Chloroethane	2.67	64	61232	18.407	ug/l	100
7) Trichlorofluoromethane	2.98	101	108970	18.160	ug/l	100
8) Diethyl Ether	3.37	74	32273	18.465	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45238	18.130	ug/l	99
10) Methyl Iodide	3.91	142	58588	19.331	ug/l	98
11) Tert butyl alcohol	4.72	59	39702	90.666	ug/l	97
12) 1,1-Dichloroethene	3.70	96	47207	18.086	ug/l	95
13) Acrolein	3.56	56	24641	64.576	ug/l	94
14) Allyl chloride	4.27	41	76302	17.963	ug/l	98
15) Acrylonitrile	4.92	53	120601	92.961	ug/l	97
16) Acetone	3.77	43	88304	83.190	ug/l	100
17) Carbon Disulfide	4.01	76	129298	21.247	ug/l	99
18) Methyl Acetate	4.27	43	47479	17.522	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	186057	18.784	ug/l	99
20) Methylene Chloride	4.50	84	57904	18.539	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	55418	18.413	ug/l	93
22) Diisopropyl ether	5.90	45	177863	18.633	ug/l	95
23) Vinyl Acetate	5.84	43	716284	94.365	ug/l	99
24) 1,1-Dichloroethane	5.79	63	105025	18.864	ug/l	100
25) 2-Butanone	6.78	43	151531	87.573	ug/l	99
26) 2,2-Dichloropropane	6.77	77	83480	15.729	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67658	19.031	ug/l	97
28) Bromochloromethane	7.15	49	52331	22.144	ug/l	99
29) Tetrahydrofuran	7.16	42	103344	90.181	ug/l	99
30) Chloroform	7.33	83	114215	19.641	ug/l	96
31) Cyclohexane	7.61	56	91295	16.644	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	99999	18.819	ug/l	97
36) 1,1-Dichloropropene	7.75	75	82117	18.690	ug/l	100
37) Ethyl Acetate	6.88	43	68681	17.237	ug/l	98
38) Carbon Tetrachloride	7.73	117	73163	18.085	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	88133	16.423	ug/l	98
40) Benzene	8.00	78	249804	18.867	ug/l	99
41) Methacrylonitrile	7.12	41	34597	20.558	ug/l	92
42) 1,2-Dichloroethane	8.08	62	92408	19.371	ug/l	99
43) Isopropyl Acetate	8.12	43	129004	18.563	ug/l #	91
44) Trichloroethene	8.80	130	66930	19.292	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63322	19.107	ug/l	99
46) Dibromomethane	9.17	93	45148	19.433	ug/l	98
47) Bromodichloromethane	9.37	83	91837	18.761	ug/l	99
48) Methyl methacrylate	9.16	41	56013	17.448	ug/l	97
49) 1,4-Dioxane	9.17	88	13269	369.179	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	350318	92.536	ug/l	98
52) Toluene	10.12	92	161754	19.029	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	98354	18.332	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	106841	18.733	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	63548	19.774	ug/l	97
56) Ethyl methacrylate	10.40	69	94138	18.736	ug/l	99
57) 1,3-Dichloropropane	10.68	76	108225	19.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	198804	90.145	ug/l	97
59) 2-Hexanone	10.72	43	243558	88.924	ug/l	99
60) Dibromochloromethane	10.87	129	68233	19.194	ug/l	97
61) 1,2-Dibromoethane	10.98	107	63527	18.800	ug/l	97
64) Tetrachloroethene	10.60	164	60965	17.734	ug/l	98
65) Chlorobenzene	11.41	112	168042	18.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60117	18.506	ug/l	99
67) Ethyl Benzene	11.48	91	306556	18.534	ug/l	98
68) m/p-Xylenes	11.59	106	231100	36.810	ug/l	100
69) o-Xylene	11.92	106	112659	18.543	ug/l	98
70) Styrene	11.94	104	188084	18.695	ug/l	100
71) Bromoform	12.10	173	41126	17.643	ug/l #	100
73) Isopropylbenzene	12.22	105	289526	18.070	ug/l	99
74) N-amyl acetate	12.04	43	103732	17.687	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81161	18.411	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	70759m	16.522	ug/l	
77) Bromobenzene	12.50	156	66562	19.142	ug/l	100
78) n-propylbenzene	12.56	91	329907	18.071	ug/l	100
79) 2-Chlorotoluene	12.65	91	200780	18.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	238105	18.149	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25866	16.022	ug/l	96
82) 4-Chlorotoluene	12.75	91	208395	18.651	ug/l	99
83) tert-Butylbenzene	12.97	119	195667	17.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	238390	18.157	ug/l	99
85) sec-Butylbenzene	13.15	105	257137	16.922	ug/l	100
86) p-Isopropyltoluene	13.26	119	229745	17.026	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120631	18.955	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	119913	18.815	ug/l	98
89) n-Butylbenzene	13.59	91	199982	16.313	ug/l	99
90) Hexachloroethane	13.85	117	31509	17.230	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	115629	18.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16494	18.523	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59532	17.985	ug/l	99
94) Hexachlorobutadiene	14.98	225	22957	15.610	ug/l	98
95) Naphthalene	15.10	128	199574	18.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	60002	18.209	ug/l	97

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

