

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061630.D
 Acq On : 3 Jun 2020 11:47
 Operator : JC/MD
 Sample : VN0603WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:10 PM

Quant Time: Jun 04 07:59:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	327148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	179715	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.55	113	144460	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.06	98	610090	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.37	95	217471	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67412	18.585	ug/l	99
3) Chloromethane	2.03	50	73658	18.460	ug/l	99
4) Vinyl Chloride	2.16	62	99233	18.148	ug/l	100
5) Bromomethane	2.54	94	62784	20.010	ug/l	100
6) Chloroethane	2.67	64	63458	18.030	ug/l	97
7) Trichlorofluoromethane	2.98	101	130762	18.545	ug/l	98
8) Diethyl Ether	3.37	74	36702	17.022	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60212	19.243	ug/l	98
10) Methyl Iodide	3.91	142	79091	18.209	ug/l	98
11) Tert butyl alcohol	4.73	59	48031	92.644	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58760	17.578	ug/l	94
13) Acrolein	3.56	56	15741	84.525	ug/l	99
14) Allyl chloride	4.27	41	67366	15.414	ug/l	90
15) Acrylonitrile	4.93	53	120918	83.559	ug/l	99
16) Acetone	3.77	43	96923	86.163	ug/l	99
17) Carbon Disulfide	4.01	76	143486	19.509	ug/l	98
18) Methyl Acetate	4.27	43	59302	16.807	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	198775	17.447	ug/l	100
20) Methylene Chloride	4.50	84	66048	17.513	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	67536	17.914	ug/l	90
22) Diisopropyl ether	5.90	45	171071	17.760	ug/l	98
23) Vinyl Acetate	5.84	43	621014	80.891	ug/l	97
24) 1,1-Dichloroethane	5.79	63	109609	17.945	ug/l	99
25) 2-Butanone	6.78	43	147607	79.906	ug/l	99
26) 2,2-Dichloropropane	6.77	77	101856	18.220	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	76673	17.961	ug/l	99
28) Bromochloromethane	7.15	49	44311	18.444	ug/l	97
29) Tetrahydrofuran	7.16	42	96221	78.992	ug/l	98
30) Chloroform	7.33	83	123033	18.207	ug/l	98
31) Cyclohexane	7.61	56	96040	17.483	ug/l	# 92
32) 1,1,1-Trichloroethane	7.53	97	111309	18.077	ug/l	99
36) 1,1-Dichloropropene	7.75	75	88571	18.569	ug/l	100
37) Ethyl Acetate	6.88	43	65136	16.955	ug/l	97
38) Carbon Tetrachloride	7.73	117	87623	19.045	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	102288	17.399	ug/l	99
40) Benzene	8.00	78	269745	18.329	ug/l	99
41) Methacrylonitrile	7.12	41	29792	16.926	ug/l	93
42) 1,2-Dichloroethane	8.08	62	88786	18.020	ug/l	100
43) Isopropyl Acetate	8.12	43	113127	16.367	ug/l #	91
44) Trichloroethene	8.80	130	84333	18.646	ug/l	97
45) 1,2-Dichloropropane	9.08	63	65105	18.630	ug/l	96
46) Dibromomethane	9.17	93	48434	18.071	ug/l	99
47) Bromodichloromethane	9.37	83	97706	18.400	ug/l	97
48) Methyl methacrylate	9.17	41	47393	15.240	ug/l	96
49) 1,4-Dioxane	9.17	88	21045	436.848	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	321149	82.453	ug/l	100
52) Toluene	10.12	92	181268	18.871	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	102124	17.853	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	111815	18.179	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	71091	18.577	ug/l	94
56) Ethyl methacrylate	10.40	69	91841	17.180	ug/l	98
57) 1,3-Dichloropropane	10.68	76	113297	18.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	180842	79.160	ug/l	99
59) 2-Hexanone	10.72	43	220781	78.928	ug/l	99
60) Dibromochloromethane	10.87	129	79141	18.190	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72293	18.113	ug/l	100
64) Tetrachloroethene	10.60	164	90588	19.086	ug/l	98
65) Chlorobenzene	11.40	112	197515	18.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	74089	18.985	ug/l	99
67) Ethyl Benzene	11.48	91	342339	18.898	ug/l	100
68) m/p-Xylenes	11.59	106	269894	37.575	ug/l	100
69) o-Xylene	11.92	106	129831	19.031	ug/l	96
70) Styrene	11.94	104	207135	18.334	ug/l	99
71) Bromoform	12.10	173	51199	17.026	ug/l #	98
73) Isopropylbenzene	12.22	105	338789	19.050	ug/l	99
74) N-amyl acetate	12.04	43	89858	16.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85329	17.121	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	73429m	16.572	ug/l	
77) Bromobenzene	12.50	156	85958	18.935	ug/l	99
78) n-propylbenzene	12.56	91	371927	18.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	220554	18.630	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	282184	18.984	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27296	15.754	ug/l	96
82) 4-Chlorotoluene	12.75	91	228653	18.359	ug/l	99
83) tert-Butylbenzene	12.97	119	242501	18.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	284791	19.285	ug/l	100
85) sec-Butylbenzene	13.15	105	313018	18.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	286363	18.374	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	151256	18.816	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	151522	18.502	ug/l	99
89) n-Butylbenzene	13.59	91	229248	17.561	ug/l	97
90) Hexachloroethane	13.85	117	35335	20.501	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	147187	19.159	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15978	15.720	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	77068	17.153	ug/l	99
94) Hexachlorobutadiene	14.99	225	34513	18.011	ug/l	96
95) Naphthalene	15.10	128	226079	16.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	77959	17.648	ug/l	97

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

