

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062573.D
 Acq On : 21 Jul 2020 15:58
 Operator : JC/MD
 Sample : VN0721WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:46 PM

Quant Time: Jul 22 05:24:31 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	228047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155987	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	7.55	113	113330	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	10.06	98	442345	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.37	95	159565	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45062	16.566	ug/l	98
3) Chloromethane	2.04	50	59478	16.121	ug/l	98
4) Vinyl Chloride	2.16	62	52947	16.554	ug/l	98
5) Bromomethane	2.53	94	25098	17.717	ug/l	93
6) Chloroethane	2.67	64	24254	16.765	ug/l	99
7) Trichlorofluoromethane	2.98	101	61595	16.403	ug/l	95
8) Diethyl Ether	3.37	74	30860	17.574	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40735	16.919	ug/l	99
10) Methyl Iodide	3.91	142	47523	15.439	ug/l	99
11) Tert butyl alcohol	4.73	59	45789	81.250	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	41817	17.126	ug/l	98
13) Acrolein	3.57	56	41383	76.473	ug/l	99
14) Allyl chloride	4.27	41	90271	17.091	ug/l	99
15) Acrylonitrile	4.93	53	128705	85.265	ug/l	100
16) Acetone	3.77	43	116779	87.599	ug/l	100
17) Carbon Disulfide	4.00	76	134854	16.809	ug/l	98
18) Methyl Acetate	4.28	43	57932	17.166	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	152557	16.975	ug/l	98
20) Methylene Chloride	4.50	84	52207	16.328	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	45541	16.804	ug/l	98
22) Diisopropyl ether	5.90	45	184313	17.555	ug/l	95
23) Vinyl Acetate	5.84	43	759120	88.243	ug/l	100
24) 1,1-Dichloroethane	5.80	63	97436	17.234	ug/l	99
25) 2-Butanone	6.78	43	175378	86.381	ug/l	100
26) 2,2-Dichloropropane	6.78	77	78778	16.974	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	52624	17.017	ug/l	99
28) Bromochloromethane	7.15	49	51209	18.405	ug/l	99
29) Tetrahydrofuran	7.17	42	115653	84.184	ug/l	99
30) Chloroform	7.33	83	92091	17.132	ug/l	96
31) Cyclohexane	7.61	56	88334	16.922	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	76941	17.144	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69608	17.291	ug/l	99
37) Ethyl Acetate	6.88	43	75291	17.350	ug/l	98
38) Carbon Tetrachloride	7.73	117	66118	17.087	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73707	17.009	ug/l	99
40) Benzene	8.00	78	210073	17.237	ug/l	99
41) Methacrylonitrile	7.12	41	30721	16.518	ug/l	95
42) 1,2-Dichloroethane	8.08	62	77539	17.402	ug/l	100
43) Isopropyl Acetate	8.12	43	120492	17.224	ug/l	100
44) Trichloroethene	8.80	130	47014	17.106	ug/l	97
45) 1,2-Dichloropropane	9.09	63	58595	17.124	ug/l	99
46) Dibromomethane	9.17	93	34668	17.529	ug/l	98
47) Bromodichloromethane	9.37	83	73348	17.118	ug/l	99
48) Methyl methacrylate	9.17	41	57619	17.327	ug/l	97
49) 1,4-Dioxane	9.17	88	18265	357.612	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	365519	87.326	ug/l	100
52) Toluene	10.12	92	124019	17.524	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	83508	17.507	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	90281	17.639	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	48756	17.761	ug/l	99
56) Ethyl methacrylate	10.40	69	75877	16.618	ug/l	99
57) 1,3-Dichloropropane	10.68	76	86144	17.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	118628	91.215	ug/l	100
59) 2-Hexanone	10.72	43	257824	81.663	ug/l	100
60) Dibromochloromethane	10.87	129	51745	16.897	ug/l	98
61) 1,2-Dibromoethane	10.98	107	48352	16.916	ug/l	98
64) Tetrachloroethene	10.60	164	39910	17.502	ug/l	95
65) Chlorobenzene	11.41	112	126281	17.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	46395	16.762	ug/l	98
67) Ethyl Benzene	11.48	91	234113	17.354	ug/l	100
68) m/p-Xylenes	11.59	106	172538	35.584	ug/l	98
69) o-Xylene	11.92	106	80879	17.566	ug/l	99
70) Styrene	11.94	104	137563	17.686	ug/l	100
71) Bromoform	12.10	173	35795	17.224	ug/l #	100
73) Isopropylbenzene	12.22	105	220220	17.598	ug/l	100
74) N-amyl acetate	12.05	43	97504	17.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70792	16.279	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	62977m	15.633	ug/l	
77) Bromobenzene	12.50	156	51064	16.980	ug/l	97
78) n-propylbenzene	12.56	91	256453	17.495	ug/l	100
79) 2-Chlorotoluene	12.65	91	155492	17.212	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	183270	17.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24211	16.731	ug/l	97
82) 4-Chlorotoluene	12.75	91	159442	16.956	ug/l	99
83) tert-Butylbenzene	12.97	119	154397	17.912	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	179045	17.582	ug/l	98
85) sec-Butylbenzene	13.15	105	204732	17.742	ug/l	98
86) p-Isopropyltoluene	13.26	119	175581	17.691	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	88645	16.797	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	88670	17.068	ug/l	98
89) n-Butylbenzene	13.59	91	141866	16.635	ug/l	99
90) Hexachloroethane	13.85	117	34226	16.199	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	84695	16.784	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13316	16.865	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	36625	16.051	ug/l	98
94) Hexachlorobutadiene	14.98	225	25077	18.092	ug/l	99
95) Naphthalene	15.10	128	95088	16.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38153	16.043	ug/l	98

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

