

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063912.D
 Acq On : 6 Oct 2020 23:53
 Operator : JC/MD
 Sample : VN1006WBS04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:12:00 PM

Quant Time: Oct 07 05:09:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191740	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	222924	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
35) Dibromofluoromethane	7.55	113	154538	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.06	98	562801	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	199220	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	48017	17.365	ug/l	99
3) Chloromethane	2.04	50	56881	17.532	ug/l	100
4) Vinyl Chloride	2.16	62	58275	17.893	ug/l	95
5) Bromomethane	2.53	94	36134	17.639	ug/l	100
6) Chloroethane	2.67	64	38894	19.986	ug/l	98
7) Trichlorofluoromethane	2.98	101	95411	18.472	ug/l	96
8) Diethyl Ether	3.37	74	32670	18.702	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49793	18.036	ug/l	97
10) Methyl Iodide	3.91	142	48862	15.243	ug/l	98
11) Tert butyl alcohol	4.73	59	53916	112.801	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	48099	18.227	ug/l	99
13) Acrolein	3.57	56	39410	134.343	ug/l	98
14) Allyl chloride	4.28	41	96087	19.600	ug/l	93
15) Acrylonitrile	4.93	53	142772	104.352	ug/l	99
16) Acetone	3.78	43	142055	106.591	ug/l	98
17) Carbon Disulfide	4.01	76	130558	18.749	ug/l	99
18) Methyl Acetate	4.28	43	74667	21.579	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186007	19.402	ug/l	100
20) Methylene Chloride	4.51	84	59944	19.697	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	52609	17.799	ug/l	89
22) Diisopropyl ether	5.90	45	206811	20.504	ug/l	96
23) Vinyl Acetate	5.85	43	846721	101.340	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111151	19.273	ug/l	99
25) 2-Butanone	6.79	43	206027	109.040	ug/l	99
26) 2,2-Dichloropropane	6.78	77	83924	15.890	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	63942	18.810	ug/l	99
28) Bromochloromethane	7.15	49	57278	20.094	ug/l	97
29) Tetrahydrofuran	7.17	42	137936	108.847	ug/l	97
30) Chloroform	7.33	83	119291	19.838	ug/l	94
31) Cyclohexane	7.62	56	89669	17.841	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	107382	19.798	ug/l	98
36) 1,1-Dichloropropene	7.76	75	81027	17.887	ug/l	98
37) Ethyl Acetate	6.88	43	84171	18.702	ug/l	100
38) Carbon Tetrachloride	7.74	117	91922	18.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69748	15.440	ug/l	100
40) Benzene	8.00	78	235121	18.172	ug/l	100
41) Methacrylonitrile	7.14	41	42745m	21.370	ug/l	
42) 1,2-Dichloroethane	8.09	62	106046	19.201	ug/l	98
43) Isopropyl Acetate	8.13	43	143577	19.341	ug/l	99
44) Trichloroethene	8.80	130	60012	17.702	ug/l	98
45) 1,2-Dichloropropane	9.08	63	64150	18.359	ug/l	99
46) Dibromomethane	9.17	93	43403	18.006	ug/l	98
47) Bromodichloromethane	9.37	83	91640	18.446	ug/l	99
48) Methyl methacrylate	9.17	41	73397	20.012	ug/l	94
49) 1,4-Dioxane	9.16	88	21645	415.250	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	448612	102.977	ug/l	99
52) Toluene	10.13	92	146966	18.364	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	94814	17.804	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	99680	17.898	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62446	19.457	ug/l	97
56) Ethyl methacrylate	10.40	69	85111	18.709	ug/l	97
57) 1,3-Dichloropropane	10.68	76	103422	19.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	233319	95.880	ug/l	100
59) 2-Hexanone	10.72	43	325923	100.711	ug/l	97
60) Dibromochloromethane	10.87	129	69067	18.479	ug/l	98
61) 1,2-Dibromoethane	10.98	107	63481	19.336	ug/l	100
64) Tetrachloroethene	10.60	164	55361	17.248	ug/l	99
65) Chlorobenzene	11.41	112	152778	17.952	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	61374	18.811	ug/l	97
67) Ethyl Benzene	11.49	91	278395	17.977	ug/l	99
68) m/p-Xylenes	11.59	106	202635	35.109	ug/l	97
69) o-Xylene	11.92	106	100302	18.594	ug/l	97
70) Styrene	11.94	104	167201	18.259	ug/l	99
71) Bromoform	12.10	173	46640	18.691	ug/l #	99
73) Isopropylbenzene	12.23	105	261381	18.690	ug/l	100
74) N-amyl acetate	12.05	43	118209	19.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85620	20.021	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	85401m	20.205	ug/l	
77) Bromobenzene	12.50	156	65925	19.211	ug/l	99
78) n-propylbenzene	12.57	91	294276	18.080	ug/l	100
79) 2-Chlorotoluene	12.65	91	188113	18.792	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219279	18.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24218	16.503	ug/l #	86
82) 4-Chlorotoluene	12.75	91	193068	18.579	ug/l	98
83) tert-Butylbenzene	12.97	119	172191	17.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	216302	18.465	ug/l	98
85) sec-Butylbenzene	13.15	105	226729	17.986	ug/l	99
86) p-Isopropyltoluene	13.26	119	198856	17.832	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	115002	18.524	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	112014	17.328	ug/l	96
89) n-Butylbenzene	13.59	91	163301	15.866	ug/l	99
90) Hexachloroethane	13.85	117	40859	18.908	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	112801	18.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19065	19.009	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	51143	16.500	ug/l	94
94) Hexachlorobutadiene	14.98	225	30076	18.082	ug/l	99
95) Naphthalene	15.11	128	154644	16.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	51286	16.886	ug/l	97

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

