

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063437.D
 Acq On : 17 Sep 2020 23:11
 Operator : JC/MD
 Sample : VN0917MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:03:05 AM

Quant Time: Sep 18 05:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207492	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.55	113	144138	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	10.06	98	553477	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	204994	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56131	19.487	ug/l	99
3) Chloromethane	2.04	50	73807	19.369	ug/l	98
4) Vinyl Chloride	2.17	62	69929	20.713	ug/l	97
5) Bromomethane	2.54	94	44513	22.206	ug/l	97
6) Chloroethane	2.68	64	41211	19.886	ug/l	99
7) Trichlorofluoromethane	2.99	101	106011	21.046	ug/l	97
8) Diethyl Ether	3.38	74	38729	19.724	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56139	19.818	ug/l	99
10) Methyl Iodide	3.92	142	73419	19.907	ug/l	99
11) Tert butyl alcohol	4.73	59	53261	88.829	ug/l	100
12) 1,1-Dichloroethene	3.70	96	56682	19.755	ug/l	97
13) Acrolein	3.57	56	20915	94.127	ug/l	97
14) Allyl chloride	4.28	41	96906	17.075	ug/l	88
15) Acrylonitrile	4.93	53	147967	97.018	ug/l	99
16) Acetone	3.78	43	137523	98.869	ug/l	99
17) Carbon Disulfide	4.02	76	158814	19.029	ug/l	100
18) Methyl Acetate	4.28	43	73105	20.703	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	206283	19.290	ug/l	97
20) Methylene Chloride	4.51	84	69265	19.654	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	60870	19.148	ug/l	98
22) Diisopropyl ether	5.90	45	227160	19.625	ug/l	92
23) Vinyl Acetate	5.85	43	930813	97.918	ug/l	100
24) 1,1-Dichloroethane	5.80	63	126754	20.058	ug/l	97
25) 2-Butanone	6.78	43	207383	96.941	ug/l	99
26) 2,2-Dichloropropane	6.78	77	89352	16.060	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	72338	20.105	ug/l	99
28) Bromochloromethane	7.15	49	56829	19.477	ug/l	99
29) Tetrahydrofuran	7.17	42	135587	92.799	ug/l	99
30) Chloroform	7.33	83	126834	20.005	ug/l	99
31) Cyclohexane	7.62	56	110961	18.563	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111701	19.808	ug/l	100
36) 1,1-Dichloropropene	7.76	75	92709	19.110	ug/l	99
37) Ethyl Acetate	6.88	43	90588	19.025	ug/l	99
38) Carbon Tetrachloride	7.74	117	96673	19.521	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	96568	18.340	ug/l	95
40) Benzene	8.00	78	270712	19.547	ug/l	98
41) Methacrylonitrile	7.13	41	43340	20.238	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	108226	19.432	ug/l	100
43) Isopropyl Acetate	8.13	43	156577	18.390	ug/l	99
44) Trichloroethene	8.80	130	67097	19.975	ug/l	97
45) 1,2-Dichloropropane	9.09	63	74154	19.660	ug/l	100
46) Dibromomethane	9.18	93	49648	20.027	ug/l	98
47) Bromodichloromethane	9.37	83	101237	19.657	ug/l	98
48) Methyl methacrylate	9.17	41	77101	18.432	ug/l	98
49) 1,4-Dioxane	9.16	88	22214	370.057	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	456467	95.767	ug/l	100
52) Toluene	10.13	92	165516	19.878	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103757	18.046	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	114804	18.930	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	64568	19.523	ug/l	96
56) Ethyl methacrylate	10.40	69	97901	18.961	ug/l	98
57) 1,3-Dichloropropane	10.68	76	116144	19.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	239770	88.525	ug/l	99
59) 2-Hexanone	10.72	43	325436	94.243	ug/l	100
60) Dibromochloromethane	10.87	129	70541	18.879	ug/l	99
61) 1,2-Dibromoethane	10.98	107	66582	19.377	ug/l	96
64) Tetrachloroethene	10.60	164	61147	21.708	ug/l	96
65) Chlorobenzene	11.41	112	174438	19.865	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	64223	19.952	ug/l	100
67) Ethyl Benzene	11.49	91	327945	19.831	ug/l	98
68) m/p-Xylenes	11.59	106	236259	39.625	ug/l	99
69) o-Xylene	11.92	106	114090	20.087	ug/l	99
70) Styrene	11.94	104	186519	19.582	ug/l	97
71) Bromoform	12.10	173	46487	19.386	ug/l #	98
73) Isopropylbenzene	12.23	105	307720	20.143	ug/l	100
74) N-amyl acetate	12.05	43	136742	18.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	93612	19.790	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	89395m	18.945	ug/l	
77) Bromobenzene	12.50	156	71272	20.740	ug/l	97
78) n-propylbenzene	12.57	91	356241	20.021	ug/l	100
79) 2-Chlorotoluene	12.65	91	214621	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	259044	20.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	28717	16.685	ug/l	96
82) 4-Chlorotoluene	12.75	91	223267	19.811	ug/l	100
83) tert-Butylbenzene	12.97	119	210021	19.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	261184	20.298	ug/l	100
85) sec-Butylbenzene	13.15	105	281978	20.036	ug/l	100
86) p-Isopropyltoluene	13.26	119	247525	19.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126538	19.867	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	130962	20.224	ug/l	97
89) n-Butylbenzene	13.59	91	225555	19.713	ug/l	98
90) Hexachloroethane	13.85	117	43961	18.599	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	125196	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19819	17.595	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	70341	19.081	ug/l	99
94) Hexachlorobutadiene	14.98	225	32221	21.112	ug/l	97
95) Naphthalene	15.10	128	227315	18.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	66899	18.781	ug/l	96

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

