

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062234.D
 Acq On : 30 Jun 2020 13:01
 Operator : JC/MD
 Sample : VN0630MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:16:45 AM

Quant Time: Jul 01 04:11:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158808	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.54	113	120826	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	10.06	98	477160	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.37	95	154470	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42269	17.405	ug/l	99
3) Chloromethane	2.03	50	55021	18.399	ug/l	97
4) Vinyl Chloride	2.16	62	63863	16.699	ug/l	98
5) Bromomethane	2.53	94	46654	18.875	ug/l	97
6) Chloroethane	2.67	64	44028	16.853	ug/l	98
7) Trichlorofluoromethane	2.98	101	80932	17.174	ug/l	99
8) Diethyl Ether	3.37	74	33100	20.115	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47950	19.431	ug/l	96
10) Methyl Iodide	3.91	142	52224	18.791	ug/l	98
11) Tert butyl alcohol	4.72	59	44993	103.934	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	46103	18.688	ug/l	98
13) Acrolein	3.56	56	46556	109.845	ug/l	99
14) Allyl chloride	4.27	41	67372	20.058	ug/l	96
15) Acrylonitrile	4.93	53	123021	104.285	ug/l	99
16) Acetone	3.77	43	101212	104.589	ug/l	100
17) Carbon Disulfide	4.00	76	125868	17.845	ug/l	99
18) Methyl Acetate	4.27	43	51979	21.687	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	158116	20.058	ug/l	96
20) Methylene Chloride	4.50	84	58654	21.066	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	50552	17.987	ug/l	92
22) Diisopropyl ether	5.90	45	155800	20.372	ug/l	98
23) Vinyl Acetate	5.84	43	637821	102.151	ug/l	98
24) 1,1-Dichloroethane	5.79	63	95736	19.440	ug/l	98
25) 2-Butanone	6.78	43	149334	101.330	ug/l	97
26) 2,2-Dichloropropane	6.77	77	76727	18.697	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	60104	19.006	ug/l	99
28) Bromochloromethane	7.15	49	40590	18.997	ug/l	93
29) Tetrahydrofuran	7.16	42	97842	101.352	ug/l	99
30) Chloroform	7.33	83	95360	19.032	ug/l	99
31) Cyclohexane	7.61	56	77480	18.600	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	79541	18.824	ug/l	98
36) 1,1-Dichloropropene	7.75	75	69713	17.852	ug/l	99
37) Ethyl Acetate	6.88	43	66596	20.595	ug/l	98
38) Carbon Tetrachloride	7.73	117	65564	17.808	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	79510	18.583	ug/l	99
40) Benzene	8.00	78	220247	18.504	ug/l	100
41) Methacrylonitrile	7.12	41	26611	17.751	ug/l	93
42) 1,2-Dichloroethane	8.08	62	77424	19.253	ug/l	100
43) Isopropyl Acetate	8.12	43	105801	20.071	ug/l	99
44) Trichloroethene	8.80	130	51921	17.293	ug/l	94
45) 1,2-Dichloropropane	9.08	63	56929	19.387	ug/l	96
46) Dibromomethane	9.17	93	37898	19.036	ug/l	97
47) Bromodichloromethane	9.37	83	77566	19.295	ug/l	97
48) Methyl methacrylate	9.16	41	47205	19.972	ug/l	98
49) 1,4-Dioxane	9.17	88	20261	386.557	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	312783	101.559	ug/l	100
52) Toluene	10.12	92	135867	18.708	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	83640	18.912	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	90841	19.293	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	54984	19.260	ug/l	96
56) Ethyl methacrylate	10.40	69	73484	19.288	ug/l	97
57) 1,3-Dichloropropane	10.68	76	94595	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	137463	95.391	ug/l	97
59) 2-Hexanone	10.72	43	222725	100.149	ug/l	99
60) Dibromochloromethane	10.87	129	54985	18.193	ug/l	100
61) 1,2-Dibromoethane	10.98	107	53819	18.347	ug/l	99
64) Tetrachloroethene	10.60	164	41017	16.503	ug/l	95
65) Chlorobenzene	11.40	112	143231	17.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	50298	18.205	ug/l	99
67) Ethyl Benzene	11.48	91	248050	18.382	ug/l	96
68) m/p-Xylenes	11.60	106	185540	35.549	ug/l	96
69) o-Xylene	11.92	106	89210	18.116	ug/l	97
70) Styrene	11.94	104	148288	18.056	ug/l	99
71) Bromoform	12.10	173	34257	17.439	ug/l #	100
73) Isopropylbenzene	12.22	105	237491	19.360	ug/l	100
74) N-amyl acetate	12.05	43	83672	20.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	80564	19.735	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71086m	19.055	ug/l	
77) Bromobenzene	12.50	156	55046	18.074	ug/l	90
78) n-propylbenzene	12.57	91	275860	19.660	ug/l	100
79) 2-Chlorotoluene	12.65	91	162424	19.147	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	195326	19.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23536	18.424	ug/l	91
82) 4-Chlorotoluene	12.75	91	166738	19.008	ug/l	99
83) tert-Butylbenzene	12.97	119	160156	18.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	195834	19.718	ug/l	99
85) sec-Butylbenzene	13.15	105	226502	20.142	ug/l	99
86) p-Isopropyltoluene	13.26	119	192741	19.563	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98919	18.497	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	99207	17.996	ug/l	98
89) n-Butylbenzene	13.59	91	160142	19.551	ug/l	99
90) Hexachloroethane	13.85	117	37828	19.569	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	96941	18.693	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13096	20.026	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	39927	17.624	ug/l	100
94) Hexachlorobutadiene	14.98	225	20342	20.673	ug/l	98
95) Naphthalene	15.11	128	113439	17.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41869	18.074	ug/l	98

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

