

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060165.D
 Acq On : 20 Feb 2020 12:07
 Operator : JC/MD
 Sample : VN0220MBS01
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:14:38 AM

Quant Time: Feb 21 02:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108881	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.56	113	83784	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.08	98	326037	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.40	95	115641	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33551	18.352	ug/l	98
3) Chloromethane	2.04	50	38990	17.921	ug/l	96
4) Vinyl Chloride	2.17	62	44463	17.930	ug/l	97
5) Bromomethane	2.55	94	28164	18.522	ug/l	96
6) Chloroethane	2.69	64	23017	18.351	ug/l	96
7) Trichlorofluoromethane	3.00	101	58421	18.272	ug/l	100
8) Diethyl Ether	3.38	74	20988	19.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33534	18.892	ug/l	96
10) Methyl Iodide	3.93	142	43114	19.663	ug/l	98
11) Tert butyl alcohol	4.73	59	31671	95.096	ug/l	100
12) 1,1-Dichloroethene	3.72	96	31545	18.242	ug/l	96
13) Acrolein	3.58	56	25657	77.939	ug/l	93
14) Allyl chloride	4.29	41	46345	18.209	ug/l	96
15) Acrylonitrile	4.94	53	81124	99.742	ug/l	98
16) Acetone	3.78	43	79281	81.668	ug/l	97
17) Carbon Disulfide	4.03	76	89367	17.146	ug/l	100
18) Methyl Acetate	4.29	43	36765	20.161	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	110371	18.979	ug/l	99
20) Methylene Chloride	4.52	84	36427	18.808	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	34742	18.431	ug/l	99
22) Diisopropyl ether	5.91	45	108090	19.378	ug/l	97
23) Vinyl Acetate	5.86	43	448303	95.705	ug/l	100
24) 1,1-Dichloroethane	5.82	63	63666	18.841	ug/l	98
25) 2-Butanone	6.80	43	109734	89.878	ug/l	98
26) 2,2-Dichloropropane	6.79	77	57389	17.881	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	40617	18.412	ug/l	99
28) Bromochloromethane	7.17	49	24844	18.702	ug/l	98
29) Tetrahydrofuran	7.18	42	71180	95.032	ug/l	98
30) Chloroform	7.35	83	66629	18.824	ug/l	97
31) Cyclohexane	7.63	56	58010	18.429	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	59695	18.455	ug/l	99
36) 1,1-Dichloropropene	7.77	75	48578	18.337	ug/l	98
37) Ethyl Acetate	6.89	43	44915	18.760	ug/l	98
38) Carbon Tetrachloride	7.75	117	52275	18.169	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59196	18.001	ug/l	99
40) Benzene	8.02	78	145997	18.578	ug/l	99
41) Methacrylonitrile	7.15	41	19041m	18.964	ug/l	
42) 1,2-Dichloroethane	8.10	62	53442	19.403	ug/l	99
43) Isopropyl Acetate	8.14	43	78456	19.170	ug/l #	92
44) Trichloroethene	8.82	130	40469	18.598	ug/l	99
45) 1,2-Dichloropropane	9.10	63	38403	19.739	ug/l	96
46) Dibromomethane	9.19	93	26360	19.173	ug/l	99
47) Bromodichloromethane	9.38	83	52590	18.814	ug/l	94
48) Methyl methacrylate	9.18	41	33382	18.179	ug/l	98
49) 1,4-Dioxane	9.18	88	12512	398.794	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	226548	95.632	ug/l	98
52) Toluene	10.14	92	92989	18.453	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	59213	18.767	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	62332	18.761	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	37228	18.936	ug/l	99
56) Ethyl methacrylate	10.42	69	52957	19.042	ug/l	99
57) 1,3-Dichloropropane	10.70	76	61803	19.052	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	123286	95.155	ug/l	99
59) 2-Hexanone	10.74	43	166755	91.125	ug/l	98
60) Dibromochloromethane	10.89	129	41889	18.567	ug/l	99
61) 1,2-Dibromoethane	10.99	107	38357	18.612	ug/l	98
64) Tetrachloroethene	10.62	164	37522	18.561	ug/l	98
65) Chlorobenzene	11.43	112	100781	18.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	38359	18.716	ug/l	98
67) Ethyl Benzene	11.50	91	178961	18.314	ug/l	98
68) m/p-Xylenes	11.61	106	133721	36.462	ug/l	100
69) o-Xylene	11.94	106	65533	18.559	ug/l	100
70) Styrene	11.96	104	103328	18.146	ug/l	99
71) Bromoform	12.12	173	30606	18.566	ug/l #	97
73) Isopropylbenzene	12.24	105	176410	18.642	ug/l	100
74) N-amyl acetate	12.06	43	66060	19.359	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	53335	19.581	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	47468m	19.579	ug/l	
77) Bromobenzene	12.52	156	44452	18.928	ug/l	99
78) n-propylbenzene	12.59	91	199629	18.516	ug/l	100
79) 2-Chlorotoluene	12.67	91	117415	18.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	147580	18.757	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	18699	18.884	ug/l	97
82) 4-Chlorotoluene	12.77	91	121336	18.663	ug/l	99
83) tert-Butylbenzene	12.99	119	128029	18.394	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	146779	18.898	ug/l	99
85) sec-Butylbenzene	13.17	105	168648	18.296	ug/l	100
86) p-Isopropyltoluene	13.28	119	156052	18.685	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	78358	18.850	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77288	18.596	ug/l	98
89) n-Butylbenzene	13.61	91	134637	18.328	ug/l	99
90) Hexachloroethane	13.87	117	28720	18.407	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	76204	18.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11061	18.614	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45506	19.037	ug/l	98
94) Hexachlorobutadiene	15.01	225	25483	18.210	ug/l	98
95) Naphthalene	15.13	128	120528	18.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	44935	18.877	ug/l	99

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

