

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060183.D
 Acq On : 21 Feb 2020 12:30
 Operator : JC/MD
 Sample : VN0221MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:41:11 AM

Quant Time: Feb 21 22:52:40 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	176044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	276567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108300	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.56	113	85756	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.08	98	325388	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.40	95	117862	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	31776	18.058	ug/l 99
3) Chloromethane	2.04	50	36394	17.380	ug/l 96
4) Vinyl Chloride	2.17	62	41164	17.246	ug/l 100
5) Bromomethane	2.55	94	26026	17.782	ug/l 98
6) Chloroethane	2.69	64	21377	17.707	ug/l 95
7) Trichlorofluoromethane	3.00	101	55272	17.961	ug/l 100
8) Diethyl Ether	3.38	74	20512	20.023	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31323	18.333	ug/l 98
10) Methyl Iodide	3.93	142	41709	19.750	ug/l 98
11) Tert butyl alcohol	4.72	59	29551	92.185	ug/l 98
12) 1,1-Dichloroethene	3.72	96	30078	18.071	ug/l 97
13) Acrolein	3.58	56	26000	82.056	ug/l 96
14) Allyl chloride	4.29	41	44392	18.121	ug/l 98
15) Acrylonitrile	4.94	53	78085	99.744	ug/l 99
16) Acetone	3.78	43	75212	80.493	ug/l 97
17) Carbon Disulfide	4.03	76	84956	16.934	ug/l 99
18) Methyl Acetate	4.29	43	36968	21.061	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	109021	19.477	ug/l 99
20) Methylene Chloride	4.52	84	35094	18.825	ug/l 97
21) trans-1,2-Dichloroethene	5.01	96	32220	17.758	ug/l 99
22) Diisopropyl ether	5.91	45	105393	19.630	ug/l 96
23) Vinyl Acetate	5.86	43	436890	96.900	ug/l 99
24) 1,1-Dichloroethane	5.82	63	60965	18.744	ug/l 98
25) 2-Butanone	6.80	43	105639	89.893	ug/l 98
26) 2,2-Dichloropropane	6.80	77	55721	18.037	ug/l 79
27) cis-1,2-Dichloroethene	6.80	96	39303	18.510	ug/l 100
28) Bromochloromethane	7.17	49	23474	18.358	ug/l 99
29) Tetrahydrofuran	7.18	42	69496	96.396	ug/l 99
30) Chloroform	7.35	83	65033	19.088	ug/l 97
31) Cyclohexane	7.63	56	56226	18.558	ug/l 97
32) 1,1,1-Trichloroethane	7.54	97	56476	18.140	ug/l 98
36) 1,1-Dichloropropene	7.77	75	47232	18.438	ug/l 99
37) Ethyl Acetate	6.89	43	44151	19.070	ug/l 98
38) Carbon Tetrachloride	7.75	117	50207	18.046	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	56393	17.734	ug/l	97
40) Benzene	8.02	78	139919	18.413	ug/l	100
41) Methacrylonitrile	7.15	41	18110m	18.653	ug/l	
42) 1,2-Dichloroethane	8.10	62	51163	19.210	ug/l	97
43) Isopropyl Acetate	8.14	43	76800	19.406	ug/l	100
44) Trichloroethene	8.82	130	38957	18.515	ug/l	97
45) 1,2-Dichloropropane	9.10	63	36899	19.614	ug/l	99
46) Dibromomethane	9.19	93	25104	18.883	ug/l	98
47) Bromodichloromethane	9.39	83	51666	19.115	ug/l	98
48) Methyl methacrylate	9.18	41	32825	18.486	ug/l	99
49) 1,4-Dioxane	9.18	88	11756	387.495	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	222579	97.165	ug/l	99
52) Toluene	10.14	92	89401	18.347	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57808	18.948	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	60439	18.813	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	36667	19.288	ug/l	98
56) Ethyl methacrylate	10.42	69	50844	18.906	ug/l	99
57) 1,3-Dichloropropane	10.70	76	60014	19.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	126383	100.877	ug/l	99
59) 2-Hexanone	10.74	43	160493	90.699	ug/l	98
60) Dibromochloromethane	10.89	129	40237	18.444	ug/l	98
61) 1,2-Dibromoethane	10.99	107	38077	19.107	ug/l	100
64) Tetrachloroethene	10.62	164	36822	18.871	ug/l	98
65) Chlorobenzene	11.43	112	96698	18.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	37675	19.044	ug/l	98
67) Ethyl Benzene	11.50	91	174555	18.507	ug/l	98
68) m/p-Xylenes	11.62	106	130867	36.969	ug/l	99
69) o-Xylene	11.94	106	62946	18.468	ug/l	99
70) Styrene	11.96	104	97876	17.808	ug/l	99
71) Bromoform	12.12	173	29549	18.570	ug/l #	97
73) Isopropylbenzene	12.24	105	168753	18.434	ug/l	100
74) N-amyl acetate	12.06	43	61324	18.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	51172	19.421	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	45332m	19.328	ug/l	
77) Bromobenzene	12.52	156	43380	19.095	ug/l	100
78) n-propylbenzene	12.59	91	189520	18.171	ug/l	99
79) 2-Chlorotoluene	12.67	91	112678	18.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	141293	18.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17635	18.410	ug/l	99
82) 4-Chlorotoluene	12.77	91	115970	18.439	ug/l	99
83) tert-Butylbenzene	12.99	119	122322	18.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	142352	18.947	ug/l	99
85) sec-Butylbenzene	13.17	105	163086	18.289	ug/l	98
86) p-Isopropyltoluene	13.28	119	148483	18.379	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	75225	18.706	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	74929	18.636	ug/l	99
89) n-Butylbenzene	13.61	91	131187	18.461	ug/l	98
90) Hexachloroethane	13.87	117	27189	18.014	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	74301	18.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10550	18.342	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42065	18.191	ug/l	98
94) Hexachlorobutadiene	15.01	225	24369	18.001	ug/l	96
95) Naphthalene	15.13	128	114939	18.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	42893	18.627	ug/l	100

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

