

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060076.D
 Acq On : 12 Feb 2020 16:22
 Operator : JC/MD
 Sample : VN0212MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 10:37:35 AM

Quant Time: Feb 13 01:08:37 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	195492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	306636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	118553	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.56	113	94558	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.08	98	362275	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	129116	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	37436	19.158 ug/l	97
3) Chloromethane	2.04	50	43745	18.812 ug/l	100
4) Vinyl Chloride	2.17	62	48163	18.171 ug/l	100
5) Bromomethane	2.55	94	31163	19.174 ug/l	97
6) Chloroethane	2.69	64	24902	18.575 ug/l	97
7) Trichlorofluoromethane	3.00	101	62578	18.312 ug/l	100
8) Diethyl Ether	3.38	74	23302	20.484 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36057	19.004 ug/l	99
10) Methyl Iodide	3.93	142	43797	18.811 ug/l	99
11) Tert butyl alcohol	4.73	59	32944	92.546 ug/l	99
12) 1,1-Dichloroethene	3.72	96	35814	19.377 ug/l	94
13) Acrolein	3.58	56	29203	82.996 ug/l	95
14) Allyl chloride	4.30	41	48871	17.965 ug/l	100
15) Acrylonitrile	4.94	53	83673	96.249 ug/l	99
16) Acetone	3.78	43	84532	81.467 ug/l	100
17) Carbon Disulfide	4.03	76	104467	18.752 ug/l	99
18) Methyl Acetate	4.29	43	37762	19.373 ug/l	100
19) Methyl tert-butyl Ether	5.00	73	120489	19.385 ug/l	99
20) Methylene Chloride	4.52	84	40402	19.517 ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	37883	18.802 ug/l	98
22) Diisopropyl ether	5.91	45	114752	19.247 ug/l	95
23) Vinyl Acetate	5.86	43	482965	96.463 ug/l	99
24) 1,1-Dichloroethane	5.82	63	68558	18.982 ug/l	99
25) 2-Butanone	6.80	43	116852	89.542 ug/l	99
26) 2,2-Dichloropropane	6.79	77	63141	18.406 ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	44405	18.832 ug/l	100
28) Bromochloromethane	7.17	49	26366	18.569 ug/l	95
29) Tetrahydrofuran	7.18	42	74333	92.848 ug/l	99
30) Chloroform	7.35	83	72808	19.244 ug/l	99
31) Cyclohexane	7.63	56	62430	18.556 ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	65050	18.815 ug/l	99
36) 1,1-Dichloropropene	7.77	75	53789	18.939 ug/l	98
37) Ethyl Acetate	6.90	43	50192	19.554 ug/l	97
38) Carbon Tetrachloride	7.75	117	56549	18.333 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65483	18.574	ug/l	99
40) Benzene	8.02	78	159222	18.899	ug/l	98
41) Methacrylonitrile	7.14	41	20268	18.828	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55605	18.831	ug/l	99
43) Isopropyl Acetate	8.14	43	83474	19.024	ug/l	99
44) Trichloroethene	8.82	130	43491	18.643	ug/l	99
45) 1,2-Dichloropropane	9.10	63	40718	19.521	ug/l	100
46) Dibromomethane	9.19	93	28329	19.219	ug/l	97
47) Bromodichloromethane	9.38	83	57321	19.128	ug/l	96
48) Methyl methacrylate	9.18	41	35794	18.182	ug/l	97
49) 1,4-Dioxane	9.18	88	13335	396.439	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	241144	94.947	ug/l	99
52) Toluene	10.14	92	101754	18.834	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65172	19.267	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	68671	19.279	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41239	19.566	ug/l	99
56) Ethyl methacrylate	10.42	69	57283	19.212	ug/l	99
57) 1,3-Dichloropropane	10.70	76	67231	19.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	138510	99.715	ug/l	100
59) 2-Hexanone	10.74	43	179126	91.302	ug/l	100
60) Dibromochloromethane	10.89	129	46393	19.181	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43809	19.827	ug/l	97
64) Tetrachloroethene	10.62	164	40362	18.480	ug/l	98
65) Chlorobenzene	11.43	112	109751	18.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42475	19.181	ug/l	99
67) Ethyl Benzene	11.50	91	198752	18.826	ug/l	100
68) m/p-Xylenes	11.62	106	147850	37.314	ug/l	99
69) o-Xylene	11.94	106	71886	18.843	ug/l	98
70) Styrene	11.96	104	114210	18.564	ug/l	100
71) Bromoform	12.12	173	33308	18.701	ug/l #	98
73) Isopropylbenzene	12.25	105	192304	19.001	ug/l	100
74) N-amyl acetate	12.07	43	70500	19.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	58090	19.941	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	47382m	18.273	ug/l	
77) Bromobenzene	12.52	156	48972	19.497	ug/l	99
78) n-propylbenzene	12.59	91	217021	18.820	ug/l	99
79) 2-Chlorotoluene	12.67	91	128348	18.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	161331	19.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20054	18.936	ug/l	100
82) 4-Chlorotoluene	12.77	91	133241	19.161	ug/l	99
83) tert-Butylbenzene	12.99	119	140319	18.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	161888	19.489	ug/l	99
85) sec-Butylbenzene	13.17	105	183669	18.630	ug/l	100
86) p-Isopropyltoluene	13.28	119	169244	18.947	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85760	19.289	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84719	19.059	ug/l	98
89) n-Butylbenzene	13.61	91	145851	18.564	ug/l	99
90) Hexachloroethane	13.87	117	31114	18.645	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	84026	19.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11875	18.688	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50273	19.664	ug/l	100
94) Hexachlorobutadiene	15.01	225	27827	18.592	ug/l	99
95) Naphthalene	15.13	128	140156	20.295	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49830	19.572	ug/l	100

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

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