

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059812.D
 Acq On : 21 Jan 2020 16:34
 Operator : JC/MD
 Sample : VN0121MBS02
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:15:05 AM

Quant Time: Jan 22 03:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	220809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	333789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106175	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	7.56	113	91127	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	10.08	98	344540	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
62) 4-Bromofluorobenzene	12.40	95	119649	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41625	15.630	ug/l	100
3) Chloromethane	2.04	50	38742	15.325	ug/l	99
4) Vinyl Chloride	2.17	62	49183	17.004	ug/l	97
5) Bromomethane	2.54	94	30411	17.228	ug/l	98
6) Chloroethane	2.68	64	22273	16.276	ug/l	96
7) Trichlorofluoromethane	3.00	101	57796	16.638	ug/l	96
8) Diethyl Ether	3.38	74	19910	16.332	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34161	17.670	ug/l	92
10) Methyl Iodide	3.93	142	49346	15.791	ug/l	95
11) Tert butyl alcohol	4.73	59	32025	77.579	ug/l	99
12) 1,1-Dichloroethene	3.72	96	32095	15.887	ug/l	88
13) Acrolein	3.58	56	11885	40.672	ug/l	94
14) Allyl chloride	4.30	41	48369	17.763	ug/l #	95
15) Acrylonitrile	4.94	53	74821	79.458	ug/l	98
16) Acetone	3.78	43	75785	83.965	ug/l	93
17) Carbon Disulfide	4.03	76	86800	15.083	ug/l	99
18) Methyl Acetate	4.29	43	45475	15.877	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	107945	16.388	ug/l	95
20) Methylene Chloride	4.52	84	37849	16.185	ug/l	86
21) trans-1,2-Dichloroethene	5.01	96	34572	16.099	ug/l	89
22) Diisopropyl ether	5.91	45	98594	15.978	ug/l #	96
23) Vinyl Acetate	5.86	43	380696	79.683	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	60846	16.138	ug/l	97
25) 2-Butanone	6.80	43	101729	73.258	ug/l	90
26) 2,2-Dichloropropane	6.80	77	59294	16.358	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	41247	16.700	ug/l	87
28) Bromochloromethane	7.17	49	31032	20.592	ug/l #	70
29) Tetrahydrofuran	7.18	42	62891	73.199	ug/l #	86
30) Chloroform	7.35	83	64280	16.454	ug/l	99
31) Cyclohexane	7.63	56	54866	15.122	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	60229	16.674	ug/l	94
36) 1,1-Dichloropropene	7.77	75	47030	16.180	ug/l	96
37) Ethyl Acetate	6.89	43	41463	15.209	ug/l	96
38) Carbon Tetrachloride	7.75	117	53167	16.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58437	16.304	ug/l	90
40) Benzene	8.02	78	141994	16.380	ug/l	100
41) Methacrylonitrile	7.14	41	16009	11.922	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	49755	16.928	ug/l	97
43) Isopropyl Acetate	8.14	43	71101	15.162	ug/l #	94
44) Trichloroethene	8.82	130	41563	17.563	ug/l	95
45) 1,2-Dichloropropane	9.10	63	36010	16.787	ug/l	99
46) Dibromomethane	9.19	93	25405	16.789	ug/l	90
47) Bromodichloromethane	9.38	83	52196	17.117	ug/l	96
48) Methyl methacrylate	9.18	41	29872	14.242	ug/l #	84
49) 1,4-Dioxane	9.18	88	13388	348.663	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	205055	75.645	ug/l	94
52) Toluene	10.14	92	93505	17.076	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	56253	16.521	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	60873	16.992	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	36395	16.782	ug/l	95
56) Ethyl methacrylate	10.42	69	52004	15.693	ug/l	91
57) 1,3-Dichloropropane	10.70	76	58535	17.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	67090	67.216	ug/l	91
59) 2-Hexanone	10.74	43	150377	75.301	ug/l	95
60) Dibromochloromethane	10.89	129	41819	16.933	ug/l	100
61) 1,2-Dibromoethane	10.99	107	37528	16.510	ug/l	99
64) Tetrachloroethene	10.62	164	41388	16.900	ug/l	97
65) Chlorobenzene	11.43	112	99983	16.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39228	17.189	ug/l	100
67) Ethyl Benzene	11.50	91	178188	16.620	ug/l	97
68) m/p-Xylenes	11.62	106	135383	33.428	ug/l	93
69) o-Xylene	11.94	106	66313	16.725	ug/l	93
70) Styrene	11.96	104	106403	16.037	ug/l	96
71) Bromoform	12.12	173	31215	17.076	ug/l #	99
73) Isopropylbenzene	12.25	105	176997	17.186	ug/l	99
74) N-amyl acetate	12.06	43	58589	14.660	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	48855	16.363	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	43663m	18.475	ug/l	
77) Bromobenzene	12.52	156	45186	17.325	ug/l	79
78) n-propylbenzene	12.59	91	193677	16.754	ug/l	96
79) 2-Chlorotoluene	12.67	91	115893	16.852	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	146788	16.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17653	16.041	ug/l	92
82) 4-Chlorotoluene	12.77	91	117276	17.002	ug/l	96
83) tert-Butylbenzene	12.99	119	127466	17.015	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	146603	17.108	ug/l	99
85) sec-Butylbenzene	13.17	105	165779	16.843	ug/l	99
86) p-Isopropyltoluene	13.28	119	153578	16.864	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	78196	17.260	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	77543	17.157	ug/l	98
89) n-Butylbenzene	13.61	91	128984	16.611	ug/l	98
90) Hexachloroethane	13.87	117	28350	16.638	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	76529	17.087	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10195	14.422	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45524	16.915	ug/l	99
94) Hexachlorobutadiene	15.01	225	25469	17.173	ug/l	99
95) Naphthalene	15.13	128	117317	15.325	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	42804	16.340	ug/l	98

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

