

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059783.D
 Acq On : 20 Jan 2020 13:47
 Operator : JC/MD
 Sample : VN0120MBSD01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:11 AM

Quant Time: Jan 21 02:25:03 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	190510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	289548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	107663	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	7.56	113	91258	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.08	98	340150	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	119187	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43918	19.231	ug/l	97
3) Chloromethane	2.03	50	41258	18.916	ug/l	98
4) Vinyl Chloride	2.17	62	50072	20.065	ug/l	98
5) Bromomethane	2.54	94	30983	20.344	ug/l	98
6) Chloroethane	2.68	64	22816	19.325	ug/l	98
7) Trichlorofluoromethane	3.00	101	58622	19.560	ug/l	100
8) Diethyl Ether	3.38	74	22132	21.042	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34135	20.464	ug/l	90
10) Methyl Iodide	3.93	142	51458	19.085	ug/l	96
11) Tert butyl alcohol	4.73	59	37067	104.074	ug/l	99
12) 1,1-Dichloroethene	3.72	96	33568	19.259	ug/l	88
13) Acrolein	3.58	56	15043	59.666	ug/l	97
14) Allyl chloride	4.29	41	50315	21.417	ug/l #	94
15) Acrylonitrile	4.95	53	81453	100.258	ug/l	99
16) Acetone	3.78	43	74319	96.861	ug/l	96
17) Carbon Disulfide	4.03	76	90937	18.315	ug/l	100
18) Methyl Acetate	4.29	43	49630	20.083	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	117195	20.623	ug/l	94
20) Methylene Chloride	4.52	84	38773	19.466	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	36508	19.705	ug/l	85
22) Diisopropyl ether	5.92	45	104269	19.585	ug/l #	97
23) Vinyl Acetate	5.86	43	406612	98.643	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62880	19.329	ug/l	98
25) 2-Butanone	6.80	43	109481	91.380	ug/l	93
26) 2,2-Dichloropropane	6.80	77	60515	19.350	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	42810	20.089	ug/l	86
28) Bromochloromethane	7.17	49	24047	18.495	ug/l #	73
29) Tetrahydrofuran	7.18	42	71594	96.582	ug/l	88
30) Chloroform	7.35	83	67087	19.904	ug/l	99
31) Cyclohexane	7.63	56	57766	18.454	ug/l #	88
32) 1,1,1-Trichloroethane	7.54	97	61765	19.819	ug/l	96
36) 1,1-Dichloropropene	7.77	75	49051	19.453	ug/l	95
37) Ethyl Acetate	6.90	43	45624	19.292	ug/l	95
38) Carbon Tetrachloride	7.75	117	53962	19.674	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59166	19.030	ug/l	90
40) Benzene	8.02	78	147275	19.584	ug/l	100
41) Methacrylonitrile	7.14	41	17440	14.972	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	51831	20.328	ug/l	96
43) Isopropyl Acetate	8.14	43	78228	19.231	ug/l #	94
44) Trichloroethene	8.82	130	42588	20.745	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37514	20.160	ug/l	98
46) Dibromomethane	9.19	93	27205	20.725	ug/l	90
47) Bromodichloromethane	9.39	83	55403	20.945	ug/l	99
48) Methyl methacrylate	9.18	41	33838	18.597	ug/l	89
49) 1,4-Dioxane	9.18	88	15279	458.709	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	225228	95.782	ug/l	94
52) Toluene	10.14	92	94724	19.942	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60296	20.415	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	63413	20.405	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	38636	20.537	ug/l	97
56) Ethyl methacrylate	10.42	69	55963	19.468	ug/l	90
57) 1,3-Dichloropropane	10.70	76	61235	20.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	89790	103.704	ug/l	90
59) 2-Hexanone	10.74	43	162293	93.685	ug/l	93
60) Dibromochloromethane	10.89	129	45103	21.053	ug/l	97
61) 1,2-Dibromoethane	10.99	107	41498	21.046	ug/l	98
64) Tetrachloroethene	10.62	164	42445	19.864	ug/l	95
65) Chlorobenzene	11.43	112	102914	19.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40489	20.334	ug/l	98
67) Ethyl Benzene	11.51	91	181860	19.441	ug/l	98
68) m/p-Xylenes	11.62	106	139782	39.558	ug/l	93
69) o-Xylene	11.94	106	68569	19.821	ug/l	92
70) Styrene	11.96	104	111124	19.196	ug/l	96
71) Bromoform	12.12	173	32478	20.363	ug/l #	98
73) Isopropylbenzene	12.25	105	182279	19.883	ug/l	99
74) N-amyl acetate	12.07	43	64567	18.150	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	52438	19.731	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	45116m	21.446	ug/l	
77) Bromobenzene	12.52	156	46714	20.121	ug/l	81
78) n-propylbenzene	12.59	91	200505	19.486	ug/l	96
79) 2-Chlorotoluene	12.67	91	119111	19.458	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	151431	19.641	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19030	19.426	ug/l	94
82) 4-Chlorotoluene	12.77	91	121824	19.842	ug/l	96
83) tert-Butylbenzene	12.99	119	130608	19.587	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	152278	19.964	ug/l	98
85) sec-Butylbenzene	13.17	105	172294	19.666	ug/l	99
86) p-Isopropyltoluene	13.28	119	158646	19.570	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	81181	20.130	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	80830	20.092	ug/l	97
89) n-Butylbenzene	13.61	91	131945	19.089	ug/l	97
90) Hexachloroethane	13.87	117	29530	19.470	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	81409	20.420	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11939	19.662	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49844	20.806	ug/l	98
94) Hexachlorobutadiene	15.01	225	26594	20.145	ug/l	99
95) Naphthalene	15.13	128	140473	20.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49883	21.392	ug/l	99

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

