

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059871.D
 Acq On : 27 Jan 2020 14:42
 Operator : JC/MD
 Sample : VN0127MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:46 AM

Quant Time: Jan 27 16:04:43 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	202499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	311065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115379	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.56	113	94961	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.08	98	362398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	130684	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	42087	17.286	ug/l	100
3) Chloromethane	2.04	50	39363	16.979	ug/l	100
4) Vinyl Chloride	2.17	62	48988	18.468	ug/l	97
5) Bromomethane	2.54	94	31419	19.409	ug/l	100
6) Chloroethane	2.68	64	23893	19.039	ug/l	98
7) Trichlorofluoromethane	3.00	101	61676	19.361	ug/l	100
8) Diethyl Ether	3.38	74	22635	20.247	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35516	20.032	ug/l	92
10) Methyl Iodide	3.93	142	52215	18.220	ug/l	97
11) Tert butyl alcohol	4.73	59	36560	96.573	ug/l	97
12) 1,1-Dichloroethene	3.72	96	33001	17.813	ug/l	88
13) Acrolein	3.58	56	19709	73.545	ug/l	98
14) Allyl chloride	4.29	41	50894	20.381	ug/l #	91
15) Acrylonitrile	4.94	53	84945	98.366	ug/l	100
16) Acetone	3.78	43	81141	99.774	ug/l	96
17) Carbon Disulfide	4.03	76	87966	16.668	ug/l	99
18) Methyl Acetate	4.29	43	53529	20.378	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	120576	19.961	ug/l	97
20) Methylene Chloride	4.52	84	40783	19.249	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	36329	18.447	ug/l	89
22) Diisopropyl ether	5.91	45	109282	19.311	ug/l #	93
23) Vinyl Acetate	5.86	43	418560	95.530	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	65396	18.913	ug/l	96
25) 2-Butanone	6.80	43	113377	89.029	ug/l	91
26) 2,2-Dichloropropane	6.79	77	61465	18.490	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	43262	19.099	ug/l	87
28) Bromochloromethane	7.17	49	26493	19.170	ug/l #	74
29) Tetrahydrofuran	7.18	42	73001	92.649	ug/l #	85
30) Chloroform	7.35	83	70359	19.639	ug/l	99
31) Cyclohexane	7.63	56	57925	17.409	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	64190	19.378	ug/l	95
36) 1,1-Dichloropropene	7.77	75	49912	18.425	ug/l	95
37) Ethyl Acetate	6.90	43	48414	19.056	ug/l	97
38) Carbon Tetrachloride	7.75	117	56673	19.233	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59567	17.834	ug/l	91
40) Benzene	8.02	78	151753	18.784	ug/l	100
41) Methacrylonitrile	7.15	41	19071m	15.239	ug/l	
42) 1,2-Dichloroethane	8.10	62	55040	20.094	ug/l	96
43) Isopropyl Acetate	8.14	43	82839	18.956	ug/l #	94
44) Trichloroethene	8.82	130	45017	20.412	ug/l	94
45) 1,2-Dichloropropane	9.10	63	38775	19.396	ug/l	99
46) Dibromomethane	9.19	93	28199	19.997	ug/l	90
47) Bromodichloromethane	9.38	83	56431	19.858	ug/l	99
48) Methyl methacrylate	9.18	41	35374	18.097	ug/l	88
49) 1,4-Dioxane	9.18	88	14673	410.044	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	238451	94.391	ug/l	94
52) Toluene	10.14	92	98576	19.317	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62392	19.663	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66472	19.910	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41249	20.410	ug/l	97
56) Ethyl methacrylate	10.42	69	56944	18.439	ug/l	92
57) 1,3-Dichloropropane	10.70	76	65308	20.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	92352	99.285	ug/l #	89
59) 2-Hexanone	10.74	43	169329	90.985	ug/l	93
60) Dibromochloromethane	10.89	129	46695	20.289	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42952	20.276	ug/l	98
64) Tetrachloroethene	10.62	164	47112	20.663	ug/l	96
65) Chlorobenzene	11.43	112	108560	19.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43380	20.417	ug/l	98
67) Ethyl Benzene	11.50	91	193306	19.366	ug/l	98
68) m/p-Xylenes	11.62	106	146433	38.836	ug/l	95
69) o-Xylene	11.94	106	70886	19.203	ug/l	96
70) Styrene	11.96	104	116309	18.829	ug/l	96
71) Bromoform	12.12	173	34587	20.322	ug/l #	99
73) Isopropylbenzene	12.24	105	191141	19.063	ug/l	99
74) N-amyl acetate	12.06	43	67436	17.333	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	55412	19.063	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	51134m	22.225	ug/l	
77) Bromobenzene	12.52	156	79143	31.169	ug/l	42
78) n-propylbenzene	12.59	91	213287	18.952	ug/l	96
79) 2-Chlorotoluene	12.67	91	127546	19.051	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	162912	19.320	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19681	18.370	ug/l	94
82) 4-Chlorotoluene	12.77	91	126346	18.815	ug/l	95
83) tert-Butylbenzene	12.99	119	139204	19.087	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	162005	19.420	ug/l	99
85) sec-Butylbenzene	13.17	105	181170	18.908	ug/l	98
86) p-Isopropyltoluene	13.28	119	168846	19.044	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86085	19.518	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	85032	19.325	ug/l	97
89) n-Butylbenzene	13.61	91	141810	18.759	ug/l	98
90) Hexachloroethane	13.87	117	30621	18.459	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	85075	19.511	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13095	19.725	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53476	20.410	ug/l	99
94) Hexachlorobutadiene	15.01	225	27313	18.917	ug/l	98
95) Naphthalene	15.13	128	187768	25.196	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	53411	20.943	ug/l	99

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

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