

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059725.D
 Acq On : 16 Jan 2020 12:24
 Operator : JC/MD
 Sample : VN0116MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 1:53:01 PM

Quant Time: Jan 17 07:04:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120511	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.56	113	102422	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.08	98	387098	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.40	95	137566	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	53386	21.768	ug/l	98
3) Chloromethane	2.04	50	49924	21.248	ug/l	100
4) Vinyl Chloride	2.17	62	60858	22.638	ug/l	98
5) Bromomethane	2.54	94	38586	23.519	ug/l	100
6) Chloroethane	2.68	64	28664	22.537	ug/l	99
7) Trichlorofluoromethane	3.00	101	73653	22.813	ug/l	98
8) Diethyl Ether	3.38	74	26894	23.736	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	42206	23.488	ug/l	91
10) Methyl Iodide	3.93	142	66264	22.814	ug/l	93
11) Tert butyl alcohol	4.72	59	43251	112.727	ug/l	98
12) 1,1-Dichloroethene	3.72	96	41681	22.199	ug/l	89
13) Acrolein	3.58	56	21168	77.939	ug/l	98
14) Allyl chloride	4.29	41	62359	24.640	ug/l #	95
15) Acrylonitrile	4.94	53	99795	114.025	ug/l	99
16) Acetone	3.78	43	89235	109.154	ug/l	96
17) Carbon Disulfide	4.03	76	113924	21.299	ug/l	98
18) Methyl Acetate	4.29	43	60020	22.545	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	146662	23.957	ug/l	96
20) Methylene Chloride	4.52	84	47059	22.100	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	44621	22.356	ug/l	86
22) Diisopropyl ether	5.91	45	131413	22.913	ug/l #	93
23) Vinyl Acetate	5.86	43	509875	114.823	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	78403	22.373	ug/l	97
25) 2-Butanone	6.80	43	132922	102.988	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	74058	21.982	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	52853	23.023	ug/l	86
28) Bromochloromethane	7.17	49	27621	19.720	ug/l #	71
29) Tetrahydrofuran	7.18	42	85797	107.440	ug/l #	85
30) Chloroform	7.35	83	84112	23.165	ug/l	97
31) Cyclohexane	7.63	56	71484	21.198	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	75846	22.592	ug/l	96
36) 1,1-Dichloropropene	7.77	75	61877	22.671	ug/l	94
37) Ethyl Acetate	6.90	43	56276	21.984	ug/l	96
38) Carbon Tetrachloride	7.75	117	68686	23.135	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73767	21.920	ug/l	92
40) Benzene	8.02	78	184333	22.646	ug/l	99
41) Methacrylonitrile	7.15	41	26180m	20.763	ug/l	
42) 1,2-Dichloroethane	8.10	62	64832	23.491	ug/l	95
43) Isopropyl Acetate	8.14	43	98302	22.326	ug/l #	94
44) Trichloroethene	8.82	130	52545	23.647	ug/l	92
45) 1,2-Dichloropropane	9.10	63	47450	23.558	ug/l	100
46) Dibromomethane	9.19	93	33864	23.834	ug/l #	89
47) Bromodichloromethane	9.38	83	67718	23.651	ug/l	99
48) Methyl methacrylate	9.18	41	43418	22.045	ug/l	88
49) 1,4-Dioxane	9.18	88	17806	493.869	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	280946	110.379	ug/l	94
52) Toluene	10.14	92	119712	23.284	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	74245	23.223	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	80216	23.846	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	47592	23.372	ug/l	97
56) Ethyl methacrylate	10.42	69	71177	22.875	ug/l	92
57) 1,3-Dichloropropane	10.70	76	76849	23.771	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	114218	121.872	ug/l	92
59) 2-Hexanone	10.74	43	202470	107.977	ug/l	94
60) Dibromochloromethane	10.89	129	56030	24.162	ug/l	99
61) 1,2-Dibromoethane	10.99	107	50510	23.666	ug/l	100
64) Tetrachloroethene	10.62	164	49912	21.492	ug/l	95
65) Chlorobenzene	11.43	112	130162	23.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	51548	23.819	ug/l	98
67) Ethyl Benzene	11.50	91	229944	22.616	ug/l	97
68) m/p-Xylenes	11.62	106	175308	45.646	ug/l	94
69) o-Xylene	11.94	106	86302	22.953	ug/l	94
70) Styrene	11.96	104	142631	22.670	ug/l	97
71) Bromoform	12.12	173	41144	23.734	ug/l #	98
73) Isopropylbenzene	12.25	105	229071	22.830	ug/l	99
74) N-amyl acetate	12.06	43	84966	21.823	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	67000	23.034	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	59754m	25.953	ug/l	
77) Bromobenzene	12.52	156	59569	23.444	ug/l	80
78) n-propylbenzene	12.59	91	252228	22.397	ug/l	97
79) 2-Chlorotoluene	12.67	91	150420	22.452	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	190767	22.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23396	21.822	ug/l	94
82) 4-Chlorotoluene	12.77	91	153440	22.834	ug/l	96
83) tert-Butylbenzene	12.99	119	165104	22.623	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	192341	23.040	ug/l	99
85) sec-Butylbenzene	13.17	105	216413	22.570	ug/l	98
86) p-Isopropyltoluene	13.29	119	201135	22.670	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	102028	23.116	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	102391	23.254	ug/l	97
89) n-Butylbenzene	13.61	91	169176	22.363	ug/l	98
90) Hexachloroethane	13.87	117	36579	22.036	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	101296	23.215	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14071	21.341	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61703	23.534	ug/l	99
94) Hexachlorobutadiene	15.01	225	34200	23.671	ug/l	99
95) Naphthalene	15.13	128	166040	22.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	59083	23.151	ug/l	99

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

