

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059837.D
 Acq On : 24 Jan 2020 11:46
 Operator : JC/MD
 Sample : VN0124MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 11:15:36 AM

Quant Time: Jan 25 00:52:51 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	200821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	306679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110444	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.56	113	93010	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.08	98	345255	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	123144	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42551	17.633	ug/l	96
3) Chloromethane	2.04	50	39342	17.112	ug/l	99
4) Vinyl Chloride	2.17	62	50752	19.293	ug/l	98
5) Bromomethane	2.54	94	30750	19.154	ug/l	99
6) Chloroethane	2.69	64	23324	18.741	ug/l	97
7) Trichlorofluoromethane	3.00	101	60054	19.009	ug/l	99
8) Diethyl Ether	3.38	74	21801	19.664	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35625	20.261	ug/l	92
10) Methyl Iodide	3.93	142	53351	18.772	ug/l	94
11) Tert butyl alcohol	4.73	59	35603	94.831	ug/l	100
12) 1,1-Dichloroethene	3.72	96	34473	18.763	ug/l	85
13) Acrolein	3.58	56	20377	76.673	ug/l	93
14) Allyl chloride	4.29	41	46188	18.651	ug/l #	85
15) Acrylonitrile	4.94	53	84107	98.210	ug/l	100
16) Acetone	3.78	43	104114	132.157	ug/l	96
17) Carbon Disulfide	4.03	76	87841	16.783	ug/l	99
18) Methyl Acetate	4.29	43	52295	20.075	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122196	20.399	ug/l	94
20) Methylene Chloride	4.52	84	39805	18.924	ug/l	86
21) trans-1,2-Dichloroethene	5.01	96	36501	18.690	ug/l	89
22) Diisopropyl ether	5.91	45	108199	19.279	ug/l #	93
23) Vinyl Acetate	5.86	43	394461	90.782	ug/l	95
24) 1,1-Dichloroethane	5.82	63	64875	18.919	ug/l	97
25) 2-Butanone	6.80	43	123907	98.111	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	63347	19.215	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	43479	19.356	ug/l	88
28) Bromochloromethane	7.17	49	24274	17.711	ug/l #	70
29) Tetrahydrofuran	7.18	42	71766	91.843	ug/l #	87
30) Chloroform	7.35	83	70221	19.764	ug/l	97
31) Cyclohexane	7.63	56	57165	17.324	ug/l	87
32) 1,1,1-Trichloroethane	7.55	97	63597	19.359	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50567	18.934	ug/l	96
37) Ethyl Acetate	6.90	43	47464	18.949	ug/l	98
38) Carbon Tetrachloride	7.75	117	56659	19.503	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59448	18.053	ug/l	92
40) Benzene	8.02	78	153576	19.282	ug/l	99
41) Methacrylonitrile	7.15	41	20082m	16.277	ug/l	
42) 1,2-Dichloroethane	8.10	62	55362	20.500	ug/l	96
43) Isopropyl Acetate	8.14	43	79669	18.491	ug/l #	93
44) Trichloroethene	8.82	130	44569	20.498	ug/l	94
45) 1,2-Dichloropropane	9.10	63	39379	19.980	ug/l	99
46) Dibromomethane	9.19	93	28536	20.525	ug/l	89
47) Bromodichloromethane	9.38	83	56112	20.028	ug/l	99
48) Methyl methacrylate	9.18	41	34223	17.758	ug/l	87
49) 1,4-Dioxane	9.18	88	14889	422.031	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	232931	93.525	ug/l	94
52) Toluene	10.14	92	98722	19.623	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61810	19.758	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	66287	20.138	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	40009	20.079	ug/l	98
56) Ethyl methacrylate	10.42	69	56579	18.583	ug/l	93
57) 1,3-Dichloropropane	10.70	76	64149	20.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95244	103.858	ug/l	90
59) 2-Hexanone	10.74	43	176127	95.991	ug/l	91
60) Dibromochloromethane	10.89	129	47057	20.739	ug/l	100
61) 1,2-Dibromoethane	10.99	107	41761	19.996	ug/l	99
64) Tetrachloroethene	10.62	164	53183	23.682	ug/l	95
65) Chlorobenzene	11.43	112	108319	20.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43089	20.590	ug/l	98
67) Ethyl Benzene	11.50	91	191357	19.464	ug/l	97
68) m/p-Xylenes	11.61	106	146359	39.410	ug/l	92
69) o-Xylene	11.94	106	70787	19.469	ug/l	96
70) Styrene	11.96	104	113306	18.624	ug/l	96
71) Bromoform	12.12	173	33171	19.789	ug/l #	97
73) Isopropylbenzene	12.25	105	188310	19.889	ug/l	99
74) N-amyl acetate	12.07	43	65187	17.743	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	53809	19.604	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	49944m	22.988	ug/l	
77) Bromobenzene	12.52	156	48602	20.270	ug/l	82
78) n-propylbenzene	12.59	91	207558	19.531	ug/l	96
79) 2-Chlorotoluene	12.67	91	124513	19.695	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158182	19.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18995	18.775	ug/l	95
82) 4-Chlorotoluene	12.77	91	125301	19.760	ug/l	95
83) tert-Butylbenzene	12.99	119	138851	20.162	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	158242	20.087	ug/l	99
85) sec-Butylbenzene	13.17	105	177900	19.661	ug/l	99
86) p-Isopropyltoluene	13.28	119	164161	19.608	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84856	20.374	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	84064	20.232	ug/l	97
89) n-Butylbenzene	13.61	91	135027	18.915	ug/l	98
90) Hexachloroethane	13.87	117	30250	19.311	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83817	20.356	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11951	18.990	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48405	19.564	ug/l	100
94) Hexachlorobutadiene	15.01	225	26704	19.586	ug/l	99
95) Naphthalene	15.13	128	127128	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47665	19.792	ug/l	98

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

