

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061224.D
 Acq On : 1 May 2020 12:48
 Operator : JC/MD
 Sample : VN0501MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:57:59 PM

Quant Time: May 04 01:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	119689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	203286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	92934	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.54	113	59894	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.06	98	250287	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	91815	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	22154	17.455	ug/l	99
3) Chloromethane	2.03	50	31519	20.505	ug/l	99
4) Vinyl Chloride	2.16	62	30101	17.241	ug/l	98
5) Bromomethane	2.54	94	12956	15.012	ug/l	96
6) Chloroethane	2.67	64	17995	16.261	ug/l	97
7) Trichlorofluoromethane	2.98	101	38285	19.436	ug/l	100
8) Diethyl Ether	3.37	74	17400	21.178	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24450	19.267	ug/l	97
10) Methyl Iodide	3.91	142	28861	17.697	ug/l	94
11) Tert butyl alcohol	4.72	59	24007	94.629	ug/l	97
12) 1,1-Dichloroethene	3.70	96	23588	18.679	ug/l	97
13) Acrolein	3.56	56	13046	77.166	ug/l	100
14) Allyl chloride	4.27	41	53230	22.733	ug/l	91
15) Acrylonitrile	4.93	53	79364	101.908	ug/l	99
16) Acetone	3.77	43	70382	92.614	ug/l	97
17) Carbon Disulfide	4.01	76	61776	17.709	ug/l	99
18) Methyl Acetate	4.27	43	43944	18.811	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	90653	18.787	ug/l	97
20) Methylene Chloride	4.50	84	28289	19.156	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	25317	18.411	ug/l	98
22) Diisopropyl ether	5.90	45	110916	20.428	ug/l	97
23) Vinyl Acetate	5.84	43	427952	97.887	ug/l	100
24) 1,1-Dichloroethane	5.79	63	54405	19.177	ug/l	99
25) 2-Butanone	6.78	43	105419	94.069	ug/l	99
26) 2,2-Dichloropropane	6.77	77	43717	18.295	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	29989	18.584	ug/l	99
28) Bromochloromethane	7.15	49	29476	21.921	ug/l	93
29) Tetrahydrofuran	7.16	42	73773	97.726	ug/l	96
30) Chloroform	7.33	83	51008	17.742	ug/l	97
31) Cyclohexane	7.61	56	48906	17.751	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	42527	16.987	ug/l	99
36) 1,1-Dichloropropene	7.75	75	37791	18.571	ug/l	99
37) Ethyl Acetate	6.88	43	46321	19.416	ug/l	99
38) Carbon Tetrachloride	7.73	117	30422	17.922	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	40702	17.835	ug/l	95
40) Benzene	8.00	78	113801	18.771	ug/l	100
41) Methacrylonitrile	7.13	41	19447m	19.633	ug/l	
42) 1,2-Dichloroethane	8.08	62	42828	18.647	ug/l	100
43) Isopropyl Acetate	8.12	43	74738	18.877	ug/l	99
44) Trichloroethene	8.80	130	28283	17.257	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31879	19.682	ug/l	97
46) Dibromomethane	9.17	93	19366	19.310	ug/l	97
47) Bromodichloromethane	9.37	83	39008	18.122	ug/l	97
48) Methyl methacrylate	9.17	41	34148	19.113	ug/l	93
49) 1,4-Dioxane	9.17	88	8016	395.254	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	223948	96.094	ug/l	100
52) Toluene	10.12	92	68115	18.653	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	44531	18.360	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	47653	18.584	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	26853	18.436	ug/l	96
56) Ethyl methacrylate	10.40	69	41255	18.094	ug/l	96
57) 1,3-Dichloropropane	10.68	76	49808	19.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	115590	98.039	ug/l	98
59) 2-Hexanone	10.72	43	157341	92.799	ug/l	99
60) Dibromochloromethane	10.87	129	27296	17.893	ug/l	100
61) 1,2-Dibromoethane	10.98	107	26414	18.093	ug/l	99
64) Tetrachloroethene	10.60	164	28355	17.555	ug/l	99
65) Chlorobenzene	11.41	112	68242	18.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	24482	18.491	ug/l	98
67) Ethyl Benzene	11.48	91	128208	18.514	ug/l	100
68) m/p-Xylenes	11.60	106	93867	37.032	ug/l	98
69) o-Xylene	11.92	106	44024	18.081	ug/l	98
70) Styrene	11.94	104	73910	18.137	ug/l	99
71) Bromoform	12.10	173	17921	18.417	ug/l #	98
73) Isopropylbenzene	12.22	105	120483	18.783	ug/l	100
74) N-amyl acetate	12.05	43	60606	18.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	38814	19.406	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	35060m	19.059	ug/l	
77) Bromobenzene	12.50	156	27343	18.466	ug/l	95
78) n-propylbenzene	12.57	91	143967	18.923	ug/l	100
79) 2-Chlorotoluene	12.65	91	84942	18.995	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	100889	19.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	13295	18.354	ug/l	99
82) 4-Chlorotoluene	12.75	91	90125	19.122	ug/l	98
83) tert-Butylbenzene	12.97	119	82801	18.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	101684	18.591	ug/l	100
85) sec-Butylbenzene	13.15	105	113864	18.656	ug/l	99
86) p-Isopropyltoluene	13.26	119	101503	18.459	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	50863	18.659	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	51152	18.366	ug/l	99
89) n-Butylbenzene	13.59	91	93465	18.541	ug/l	99
90) Hexachloroethane	13.85	117	10376	22.957	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	49197	18.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7690	18.205	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28595	17.966	ug/l	98
94) Hexachlorobutadiene	14.99	225	13378	20.120	ug/l	99
95) Naphthalene	15.11	128	89724	17.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28969	18.435	ug/l	100

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

