

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060361.D
 Acq On : 5 Mar 2020 12:59
 Operator : JC/MD
 Sample : VN0305MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 11:18:15 AM

Quant Time: Mar 06 01:03:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	311893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119308	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.56	113	83664	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
50) Toluene-d8	10.08	98	339325	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.40	95	127526	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30647	17.482	ug/l	98
3) Chloromethane	2.03	50	54647	17.904	ug/l	99
4) Vinyl Chloride	2.16	62	44475	16.991	ug/l	100
5) Bromomethane	2.55	94	17437	14.861	ug/l	97
6) Chloroethane	2.68	64	24312	17.143	ug/l	94
7) Trichlorofluoromethane	3.00	101	58211	17.406	ug/l	98
8) Diethyl Ether	3.38	74	24058	19.053	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34388	18.169	ug/l	99
10) Methyl Iodide	3.92	142	31056	17.979	ug/l	99
11) Tert butyl alcohol	4.73	59	36550	100.338	ug/l	100
12) 1,1-Dichloroethene	3.72	96	34290	18.618	ug/l	95
13) Acrolein	3.57	56	32819	96.575	ug/l	98
14) Allyl chloride	4.29	41	58786	17.356	ug/l	90
15) Acrylonitrile	4.94	53	98475	102.563	ug/l	99
16) Acetone	3.78	43	80939	102.168	ug/l	100
17) Carbon Disulfide	4.03	76	86476	17.278	ug/l	99
18) Methyl Acetate	4.29	43	50948	19.271	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	133777	20.058	ug/l	100
20) Methylene Chloride	4.52	84	40613	18.667	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	36832	18.393	ug/l	94
22) Diisopropyl ether	5.91	45	138897	20.246	ug/l	99
23) Vinyl Acetate	5.86	43	558495	102.445	ug/l	99
24) 1,1-Dichloroethane	5.82	63	75338	19.399	ug/l	100
25) 2-Butanone	6.80	43	133099	104.015	ug/l	99
26) 2,2-Dichloropropane	6.79	77	66225	18.731	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	45083	17.870	ug/l	97
28) Bromochloromethane	7.17	49	29267	18.355	ug/l	96
29) Tetrahydrofuran	7.18	42	90818	102.064	ug/l	99
30) Chloroform	7.35	83	75858	19.622	ug/l	97
31) Cyclohexane	7.63	56	67727	19.622	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	66031	19.277	ug/l	99
36) 1,1-Dichloropropene	7.77	75	54665	18.390	ug/l	99
37) Ethyl Acetate	6.89	43	58549	20.802	ug/l	99
38) Carbon Tetrachloride	7.75	117	53792	18.587	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	62938	17.958	ug/l	96
40) Benzene	8.02	78	165966	19.183	ug/l	100
41) Methacrylonitrile	7.14	41	26356m	20.280	ug/l	
42) 1,2-Dichloroethane	8.10	62	63367	20.297	ug/l	100
43) Isopropyl Acetate	8.14	43	101862	20.673	ug/l	99
44) Trichloroethene	8.82	130	45274	18.789	ug/l	100
45) 1,2-Dichloropropane	9.10	63	46074	20.369	ug/l	99
46) Dibromomethane	9.19	93	28758	19.593	ug/l	99
47) Bromodichloromethane	9.38	83	60272	20.191	ug/l	99
48) Methyl methacrylate	9.18	41	44211	19.676	ug/l	99
49) 1,4-Dioxane	9.18	88	12485	395.116	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	292293	104.624	ug/l	99
52) Toluene	10.14	92	102776	18.911	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	70529	19.282	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	75031	19.796	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	43046	19.696	ug/l	99
56) Ethyl methacrylate	10.42	69	62767	19.991	ug/l	97
57) 1,3-Dichloropropane	10.70	76	72966	20.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	153460	93.451	ug/l	100
59) 2-Hexanone	10.74	43	212332	103.514	ug/l	98
60) Dibromochloromethane	10.89	129	44524	20.033	ug/l	99
61) 1,2-Dibromoethane	11.00	107	42253	19.833	ug/l	98
64) Tetrachloroethene	10.62	164	47187	20.021	ug/l	99
65) Chlorobenzene	11.43	112	109027	18.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42158	19.662	ug/l	97
67) Ethyl Benzene	11.50	91	202110	19.139	ug/l	100
68) m/p-Xylenes	11.62	106	148048	37.158	ug/l	98
69) o-Xylene	11.94	106	73731	19.406	ug/l	98
70) Styrene	11.96	104	117458	18.804	ug/l	99
71) Bromoform	12.12	173	31221	20.204	ug/l #	98
73) Isopropylbenzene	12.25	105	195292	18.974	ug/l	99
74) N-amyl acetate	12.06	43	87745	19.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	57811	20.663	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54828m	17.995	ug/l	
77) Bromobenzene	12.52	156	48164	19.090	ug/l	98
78) n-propylbenzene	12.59	91	226806	18.799	ug/l	100
79) 2-Chlorotoluene	12.67	91	133710	18.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	166941	19.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21583	19.555	ug/l #	84
82) 4-Chlorotoluene	12.77	91	138991	18.601	ug/l	98
83) tert-Butylbenzene	12.99	119	139972	18.655	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	166155	18.996	ug/l	100
85) sec-Butylbenzene	13.17	105	189627	18.873	ug/l	100
86) p-Isopropyltoluene	13.28	119	171218	18.412	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85498	19.606	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	86098	19.765	ug/l	99
89) n-Butylbenzene	13.61	91	156466	18.329	ug/l	100
90) Hexachloroethane	13.87	117	23721	17.622	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	83348	18.853	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12641	19.952	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53755	19.190	ug/l	99
94) Hexachlorobutadiene	15.01	225	27161	20.699	ug/l	99
95) Naphthalene	15.13	128	155156	18.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51924	19.516	ug/l	99

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

