

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055771.D
 Acq On : 23 May 2019 22:37
 Operator : JC/SP
 Sample : VN0523MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:24:05 AM

Quant Time: May 24 07:47:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191505	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	7.59	113	173120	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	659070	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	217898	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	47103	17.840	ug/l	100
3) Chloromethane	2.06	50	66038	17.852	ug/l	97
4) Vinyl Chloride	2.19	62	71607	18.149	ug/l	99
5) Bromomethane	2.54	94	50902m	20.621	ug/l	
6) Chloroethane	2.69	64	45357	19.094	ug/l	99
7) Trichlorofluoromethane	3.01	101	98790	19.098	ug/l	100
8) Diethyl Ether	3.40	74	43574	18.794	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	59806	18.521	ug/l	97
10) Methyl Iodide	3.94	142	95012	20.126	ug/l	99
11) Tert butyl alcohol	4.82	59	83932	108.427	ug/l	99
12) 1,1-Dichloroethene	3.72	96	62255	18.659	ug/l	98
13) Acrolein	3.60	56	46816	84.463	ug/l	99
14) Allyl chloride	4.31	41	103618	18.116	ug/l	99
15) Acrylonitrile	4.99	53	169890	95.577	ug/l	99
16) Acetone	3.82	43	137692	77.315	ug/l	100
17) Carbon Disulfide	4.04	76	167061	17.624	ug/l	100
18) Methyl Acetate	4.33	43	72792	19.330	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	213763	19.210	ug/l	99
20) Methylene Chloride	4.55	84	71855	18.630	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	67359	18.792	ug/l	96
22) Diisopropyl ether	5.96	45	207846	18.684	ug/l	96
23) Vinyl Acetate	5.90	43	881431	92.413	ug/l	99
24) 1,1-Dichloroethane	5.85	63	119125	18.392	ug/l	100
25) 2-Butanone	6.84	43	224194	90.140	ug/l	99
26) 2,2-Dichloropropane	6.82	77	82761	14.764	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	79340	18.972	ug/l	96
28) Bromochloromethane	7.19	49	60548	19.634	ug/l	93
29) Tetrahydrofuran	7.22	42	152047	96.534	ug/l	98
30) Chloroform	7.37	83	123369	19.099	ug/l	100
31) Cyclohexane	7.65	56	113795	18.713	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	109537	19.003	ug/l	99
36) 1,1-Dichloropropene	7.79	75	90605	19.123	ug/l	100
37) Ethyl Acetate	6.93	43	92490	20.198	ug/l	99
38) Carbon Tetrachloride	7.77	117	98293	19.917	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	113507	19.346	ug/l	97
40) Benzene	8.04	78	285064	19.964	ug/l	99
41) Methacrylonitrile	7.18	41	44848	19.386	ug/l	96
42) 1,2-Dichloroethane	8.12	62	92222	19.765	ug/l	100
43) Isopropyl Acetate	8.17	43	147177	19.129	ug/l	93
44) Trichloroethene	8.83	130	82468	20.716	ug/l	99
45) 1,2-Dichloropropane	9.12	63	73460	19.746	ug/l	99
46) Dibromomethane	9.21	93	49528	20.300	ug/l	96
47) Bromodichloromethane	9.40	83	97317	19.452	ug/l	98
48) Methyl methacrylate	9.20	41	70314	19.830	ug/l	99
49) 1,4-Dioxane	9.21	88	30736	417.115	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	454625	100.049	ug/l	99
52) Toluene	10.16	92	181129	20.169	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98931	18.525	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	111994	18.931	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	72320	20.102	ug/l	98
56) Ethyl methacrylate	10.43	69	110847	19.936	ug/l	100
57) 1,3-Dichloropropane	10.71	76	115916	19.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	197291	92.848	ug/l	99
59) 2-Hexanone	10.75	43	307709	95.456	ug/l	100
60) Dibromochloromethane	10.90	129	83478	19.918	ug/l	100
61) 1,2-Dibromoethane	11.01	107	75257	20.167	ug/l	98
64) Tetrachloroethene	10.63	164	86978	21.267	ug/l	97
65) Chlorobenzene	11.43	112	195306	20.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	76150	19.669	ug/l	99
67) Ethyl Benzene	11.51	91	340510	19.560	ug/l	98
68) m/p-Xylenes	11.62	106	262584	39.900	ug/l	98
69) o-Xylene	11.95	106	129130	19.777	ug/l	99
70) Styrene	11.96	104	209392	19.803	ug/l	100
71) Bromoform	12.13	173	66293	20.074	ug/l #	100
73) Isopropylbenzene	12.25	105	342274	21.692	ug/l	99
74) N-amyl acetate	12.07	43	119179	19.848	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	100942	21.196	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	88953m	23.224	ug/l	
77) Bromobenzene	12.53	156	90639	20.482	ug/l	95
78) n-propylbenzene	12.59	91	354284	19.656	ug/l	98
79) 2-Chlorotoluene	12.67	91	216733	20.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	282605	21.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27240	17.673	ug/l	95
82) 4-Chlorotoluene	12.77	91	205482	19.394	ug/l	99
83) tert-Butylbenzene	12.99	119	251635	21.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	281935	21.404	ug/l	98
85) sec-Butylbenzene	13.17	105	313466	21.088	ug/l	99
86) p-Isopropyltoluene	13.29	119	287231	19.944	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	141115	20.138	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133663	20.063	ug/l	99
89) n-Butylbenzene	13.61	91	210998	19.121	ug/l	99
90) Hexachloroethane	13.87	117	53523	19.525	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	140069	20.035	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17531	19.078	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68401	19.405	ug/l	98
94) Hexachlorobutadiene	15.01	225	56848	22.086	ug/l	98
95) Naphthalene	15.13	128	181977	18.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	74713	20.217	ug/l	98

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

