

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055574.D
 Acq On : 13 May 2019 12:53
 Operator : JC/SP
 Sample : VN0513MBSD01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:42:36 AM

Quant Time: May 14 02:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	733481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1263511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1122483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	515739	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.59	113	404078	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1562301	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	540793	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	126639	16.958	ug/l	98
3) Chloromethane	2.06	50	201827	16.636	ug/l	98
4) Vinyl Chloride	2.19	62	202719	17.701	ug/l	100
5) Bromomethane	2.57	94	122082	19.456	ug/l	100
6) Chloroethane	2.71	64	125442	18.805	ug/l	99
7) Trichlorofluoromethane	3.02	101	237377	18.894	ug/l	100
8) Diethyl Ether	3.41	74	110465	19.578	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154719	19.356	ug/l	98
10) Methyl Iodide	3.95	142	181535	16.803	ug/l	99
11) Tert butyl alcohol	4.80	59	111034	68.093	ug/l	96
12) 1,1-Dichloroethene	3.73	96	154136	19.227	ug/l	98
13) Acrolein	3.61	56	92011	84.666	ug/l	99
14) Allyl chloride	4.32	41	291203	17.733	ug/l	98
15) Acrylonitrile	4.99	53	441734	87.486	ug/l	99
16) Acetone	3.82	43	377149	73.754	ug/l	97
17) Carbon Disulfide	4.05	76	383079	17.509	ug/l	98
18) Methyl Acetate	4.33	43	191052	17.076	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	503862	18.916	ug/l	97
20) Methylene Chloride	4.55	84	186564	17.842	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	166851	19.197	ug/l	94
22) Diisopropyl ether	5.96	45	627115	18.792	ug/l	97
23) Vinyl Acetate	5.90	43	2308360	89.446	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339170	18.828	ug/l	99
25) 2-Butanone	6.84	43	566775	80.236	ug/l	99
26) 2,2-Dichloropropane	6.82	77	209143	18.624	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	195991	19.512	ug/l	98
28) Bromochloromethane	7.19	49	182537	19.512	ug/l	94
29) Tetrahydrofuran	7.22	42	385351	82.520	ug/l	98
30) Chloroform	7.37	83	316260	18.991	ug/l	97
31) Cyclohexane	7.65	56	321753	18.052	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244636	19.291	ug/l	100
36) 1,1-Dichloropropene	7.79	75	240465	19.318	ug/l	98
37) Ethyl Acetate	6.93	43	238179	17.541	ug/l	99
38) Carbon Tetrachloride	7.77	117	197820	18.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	278715	18.364	ug/l	98
40) Benzene	8.04	78	751984	19.465	ug/l	100
41) Methacrylonitrile	7.18	41	110289	17.500	ug/l	96
42) 1,2-Dichloroethane	8.12	62	252228	18.583	ug/l	99
43) Isopropyl Acetate	8.17	43	364064	17.648	ug/l	97
44) Trichloroethene	8.84	130	184993	20.125	ug/l	94
45) 1,2-Dichloropropane	9.12	63	211336	19.119	ug/l	99
46) Dibromomethane	9.21	93	124671	19.458	ug/l	99
47) Bromodichloromethane	9.40	83	232636	18.979	ug/l	100
48) Methyl methacrylate	9.20	41	171019	17.207	ug/l	96
49) 1,4-Dioxane	9.20	88	49394	254.979	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1153160	84.995	ug/l	97
52) Toluene	10.16	92	437171	19.794	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	227970	19.365	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	274905	19.542	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	175364	19.597	ug/l	98
56) Ethyl methacrylate	10.43	69	248771	18.690	ug/l	96
57) 1,3-Dichloropropane	10.71	76	311639	19.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	309715	78.174	ug/l	98
59) 2-Hexanone	10.75	43	771684	81.104	ug/l	100
60) Dibromochloromethane	10.90	129	158410	19.470	ug/l	100
61) 1,2-Dibromoethane	11.00	107	164951	19.185	ug/l	97
64) Tetrachloroethene	10.63	164	174007	18.919	ug/l	98
65) Chlorobenzene	11.43	112	458830	19.868	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	155603	19.572	ug/l	100
67) Ethyl Benzene	11.51	91	836286	19.281	ug/l	99
68) m/p-Xylenes	11.62	106	616403	39.601	ug/l	95
69) o-Xylene	11.95	106	294578	19.255	ug/l	99
70) Styrene	11.96	104	496995	20.277	ug/l	99
71) Bromoform	12.13	173	104442	19.468	ug/l #	98
73) Isopropylbenzene	12.25	105	792740	19.277	ug/l	100
74) N-amyl acetate	12.07	43	274804	15.672	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	239948	17.804	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	204285m	16.248	ug/l	
77) Bromobenzene	12.53	156	508358	49.945	ug/l #	19
78) n-propylbenzene	12.59	91	885902	17.884	ug/l	99
79) 2-Chlorotoluene	12.67	91	535741	17.354	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	681137	18.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51795	15.200	ug/l	95
82) 4-Chlorotoluene	12.77	91	525367	18.010	ug/l	98
83) tert-Butylbenzene	12.99	119	551846	17.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	628243	18.545	ug/l	100
85) sec-Butylbenzene	13.17	105	737787	17.534	ug/l	99
86) p-Isopropyltoluene	13.29	119	632746	18.477	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298114	18.954	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	293633	18.918	ug/l	100
89) n-Butylbenzene	13.62	91	505633	19.049	ug/l	99
90) Hexachloroethane	13.87	117	96450	17.266	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	307921	19.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36728	17.293	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	143259	22.795	ug/l	96
94) Hexachlorobutadiene	15.01	225	95787	19.155	ug/l	97
95) Naphthalene	15.13	128	389652	21.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	160902	23.081	ug/l	98

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

