

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050942.D
 Acq On : 29 Aug 2018 11:35
 Operator : MD\SY
 Sample : VN0829MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:07:39 AM

Quant Time: Aug 29 14:54:09 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	793911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	383099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	360610	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	7.59	113	338892	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1267943	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	416365	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	152935	19.273	ug/l	99
3) Chloromethane	2.06	50	178071	18.193	ug/l	97
4) Vinyl Chloride	2.18	62	174848	18.858	ug/l	98
5) Bromomethane	2.56	94	98456	18.000	ug/l	96
6) Chloroethane	2.70	64	102740	19.178	ug/l	99
7) Trichlorofluoromethane	3.01	101	232993	19.625	ug/l	100
8) Diethyl Ether	3.41	74	82508	20.438	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141909	19.132	ug/l	99
10) Methyl Iodide	3.95	142	113359	21.547	ug/l	99
11) Tert butyl alcohol	4.80	59	57648	126.821	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	127598	19.159	ug/l	97
13) Acrolein	3.62	56	19051	84.542	ug/l	99
14) Allyl chloride	4.33	41	198230	19.102	ug/l	98
15) Acrylonitrile	4.99	53	261284	113.104	ug/l	98
16) Acetone	3.82	43	180066	102.351	ug/l	97
17) Carbon Disulfide	4.05	76	367824	16.475	ug/l	99
18) Methyl Acetate	4.33	43	164187	24.358	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	361530	21.582	ug/l	99
20) Methylene Chloride	4.55	84	152648	18.973	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	135716	18.841	ug/l	97
22) Diisopropyl ether	5.96	45	436360	21.099	ug/l	100
23) Vinyl Acetate	5.90	43	1349393	101.315	ug/l	100
24) 1,1-Dichloroethane	5.85	63	257223	19.373	ug/l	99
25) 2-Butanone	6.84	43	289295	100.564	ug/l	100
26) 2,2-Dichloropropane	6.83	77	188959	17.711	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	152603	19.651	ug/l	99
28) Bromochloromethane	7.20	49	96385	17.084	ug/l	98
29) Tetrahydrofuran	7.22	42	196800	119.319	ug/l	100
30) Chloroform	7.37	83	258092	19.630	ug/l	98
31) Cyclohexane	7.66	56	224985	18.934	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	220644	19.538	ug/l	99
36) 1,1-Dichloropropene	7.80	75	194375	19.016	ug/l	100
37) Ethyl Acetate	6.94	43	124389	21.185	ug/l	100
38) Carbon Tetrachloride	7.78	117	192451	18.626	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199682	18.057	ug/l	100
40) Benzene	8.04	78	603619	19.583	ug/l	99
41) Methacrylonitrile	7.18	41	70394	22.153	ug/l	96
42) 1,2-Dichloroethane	8.13	62	180677	19.606	ug/l	99
43) Isopropyl Acetate	8.17	43	229236	22.706	ug/l	98
44) Trichloroethene	8.84	130	155877	19.175	ug/l	99
45) 1,2-Dichloropropane	9.12	63	159631	19.705	ug/l	99
46) Dibromomethane	9.21	93	95094	19.978	ug/l	100
47) Bromodichloromethane	9.41	83	195241	19.583	ug/l	97
48) Methyl methacrylate	9.20	41	107692	20.931	ug/l	99
49) 1,4-Dioxane	9.20	88	31985	456.021	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	654672	108.667	ug/l	99
52) Toluene	10.16	92	368497	20.181	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	192108	19.359	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	218396	19.219	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	136390	20.125	ug/l	99
56) Ethyl methacrylate	10.43	69	164718	20.156	ug/l	99
57) 1,3-Dichloropropane	10.71	76	230142	20.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	333502	94.676	ug/l	100
59) 2-Hexanone	10.75	43	424408	105.820	ug/l	100
60) Dibromochloromethane	10.90	129	149922	19.758	ug/l	100
61) 1,2-Dibromoethane	11.01	107	136040	20.759	ug/l	99
64) Tetrachloroethene	10.63	164	144227	19.126	ug/l	97
65) Chlorobenzene	11.44	112	402456	19.394	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	147210	19.389	ug/l	99
67) Ethyl Benzene	11.51	91	668104	19.804	ug/l	100
68) m/p-Xylenes	11.62	106	519840	40.596	ug/l	100
69) o-Xylene	11.95	106	252320	20.496	ug/l	100
70) Styrene	11.97	104	391893	18.875	ug/l	99
71) Bromoform	12.13	173	107040	20.501	ug/l #	100
73) Isopropylbenzene	12.25	105	665241	20.971	ug/l	100
74) N-amyl acetate	12.07	43	175356	22.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	180129	22.932	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	150039m	22.361	ug/l	
77) Bromobenzene	12.53	156	171997	19.950	ug/l	99
78) n-propylbenzene	12.59	91	735961	20.768	ug/l	100
79) 2-Chlorotoluene	12.68	91	451203	20.441	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	553933	21.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40685	20.498	ug/l	97
82) 4-Chlorotoluene	12.77	91	437000	20.054	ug/l	100
83) tert-Butylbenzene	12.99	119	472935	21.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	549088	21.326	ug/l	98
85) sec-Butylbenzene	13.17	105	612086	21.072	ug/l	100
86) p-Isopropyltoluene	13.29	119	532537	21.516	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	283732	19.394	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	274804	19.085	ug/l	100
89) n-Butylbenzene	13.62	91	401728	20.294	ug/l	100
90) Hexachloroethane	13.88	117	94405	20.124	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	282879	20.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25529	22.409	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	120579	19.163	ug/l	98
94) Hexachlorobutadiene	15.01	225	89346	20.698	ug/l	99
95) Naphthalene	15.13	128	266028	20.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	125851	20.375	ug/l	99

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

