

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051450.D
 Acq On : 24 Sep 2018 10:38
 Operator : MD\SY
 Sample : VN0924MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 11:31:00 AM

Quant Time: Sep 25 02:28:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	513044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	716376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	299249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	321612	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	291297	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1076029	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	334451	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	90230	18.851	ug/l	94
3) Chloromethane	2.06	50	156132	20.491	ug/l	100
4) Vinyl Chloride	2.18	62	167765	19.949	ug/l	100
5) Bromomethane	2.57	94	106057	21.079	ug/l	100
6) Chloroethane	2.71	64	106253	20.277	ug/l	97
7) Trichlorofluoromethane	3.02	101	213133	19.349	ug/l	100
8) Diethyl Ether	3.41	74	58638	15.038	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111467	17.930	ug/l	96
10) Methyl Iodide	3.96	142	147127	17.994	ug/l	97
11) Tert butyl alcohol	4.79	59	30371	83.733	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	99407	17.415	ug/l	97
13) Acrolein	3.61	56	28340	78.684	ug/l	100
14) Allyl chloride	4.33	41	170421	17.795	ug/l	100
15) Acrylonitrile	5.00	53	169149	85.728	ug/l	99
16) Acetone	3.82	43	131965	75.618	ug/l	96
17) Carbon Disulfide	4.05	76	293362	17.493	ug/l	99
18) Methyl Acetate	4.33	43	91298	18.653	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	261708	17.779	ug/l	98
20) Methylene Chloride	4.55	84	119369	18.770	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	107021	18.327	ug/l	99
22) Diisopropyl ether	5.95	45	371065	20.044	ug/l	96
23) Vinyl Acetate	5.90	43	1105131	90.929	ug/l	100
24) 1,1-Dichloroethane	5.85	63	217234	19.667	ug/l	98
25) 2-Butanone	6.84	43	194400	88.374	ug/l	94
26) 2,2-Dichloropropane	6.83	77	176104	20.425	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	122112	19.058	ug/l	98
28) Bromochloromethane	7.20	49	101058	19.812	ug/l	100
29) Tetrahydrofuran	7.21	42	120641	86.543	ug/l	99
30) Chloroform	7.37	83	219570	20.062	ug/l	99
31) Cyclohexane	7.66	56	186826	18.461	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	187977	20.090	ug/l	99
36) 1,1-Dichloropropene	7.79	75	160481	19.345	ug/l	98
37) Ethyl Acetate	6.93	43	87827	18.413	ug/l	99
38) Carbon Tetrachloride	7.77	117	170665	19.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175575	18.105	ug/l	97
40) Benzene	8.04	78	488870	20.070	ug/l	100
41) Methacrylonitrile	7.18	41	50605	19.177	ug/l	92
42) 1,2-Dichloroethane	8.13	62	156751	20.097	ug/l	98
43) Isopropyl Acetate	8.17	43	166178	19.267	ug/l #	89
44) Trichloroethene	8.83	130	126692	19.582	ug/l	100
45) 1,2-Dichloropropane	9.12	63	132651	20.034	ug/l	97
46) Dibromomethane	9.21	93	73347	19.605	ug/l	99
47) Bromodichloromethane	9.40	83	164079	19.818	ug/l	100
48) Methyl methacrylate	9.20	41	75339	17.520	ug/l	99
49) 1,4-Dioxane	9.20	88	19296	366.144	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	421025	88.759	ug/l	99
52) Toluene	10.16	92	298765	19.736	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	152645	18.262	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	185075	19.093	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104121	19.462	ug/l	99
56) Ethyl methacrylate	10.43	69	116631	17.831	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178340	19.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	287266	94.910	ug/l	99
59) 2-Hexanone	10.75	43	264236	85.931	ug/l	98
60) Dibromochloromethane	10.90	129	120473	19.086	ug/l	100
61) 1,2-Dibromoethane	11.00	107	97565	18.786	ug/l	97
64) Tetrachloroethene	10.63	164	121083	20.947	ug/l	95
65) Chlorobenzene	11.43	112	312739	19.138	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	123478	19.833	ug/l	100
67) Ethyl Benzene	11.51	91	516519	18.755	ug/l	100
68) m/p-Xylenes	11.62	106	406363	38.147	ug/l	100
69) o-Xylene	11.95	106	192006	18.749	ug/l	97
70) Styrene	11.96	104	299626	18.464	ug/l	100
71) Bromoform	12.12	173	77851	18.428	ug/l #	98
73) Isopropylbenzene	12.25	105	517279	20.487	ug/l	99
74) N-amyl acetate	12.07	43	112482	17.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	118162	20.069	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	101283m	20.388	ug/l	
77) Bromobenzene	12.53	156	126141	19.735	ug/l	97
78) n-propylbenzene	12.59	91	579927	20.380	ug/l	100
79) 2-Chlorotoluene	12.67	91	348795	20.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	426658	20.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28536	17.663	ug/l	94
82) 4-Chlorotoluene	12.77	91	344272	20.250	ug/l	100
83) tert-Butylbenzene	12.99	119	374872	20.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	432963	20.870	ug/l	100
85) sec-Butylbenzene	13.17	105	506430	20.428	ug/l	99
86) p-Isopropyltoluene	13.29	119	428229	19.963	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	219714	19.864	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	204119	19.179	ug/l	99
89) n-Butylbenzene	13.61	91	326551	18.512	ug/l	99
90) Hexachloroethane	13.87	117	86356	20.205	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	213488	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16383	19.498	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85731	19.026	ug/l	97
94) Hexachlorobutadiene	15.01	225	80742	19.884	ug/l	98
95) Naphthalene	15.13	128	134617	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	86393	16.774	ug/l	97

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

