

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056422.D
 Acq On : 21 Jun 2019 13:42
 Operator : JC/SP
 Sample : VN0621MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Quant Time: Jun 24 09:18:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213508	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	182496	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	702151	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	221778	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	63651	20.455	ug/l 100
3) Chloromethane	2.06	50	82000	19.353	ug/l 98
4) Vinyl Chloride	2.18	62	80891	19.766	ug/l 98
5) Bromomethane	2.53	94	52388m	21.836	ug/l
6) Chloroethane	2.68	64	47203	19.918	ug/l 100
7) Trichlorofluoromethane	3.00	101	107326	20.274	ug/l 99
8) Diethyl Ether	3.41	74	46214	20.628	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67442	19.978	ug/l 100
10) Methyl Iodide	3.95	142	90260	19.782	ug/l 100
11) Tert butyl alcohol	4.80	59	67542	98.457	ug/l 99
12) 1,1-Dichloroethene	3.73	96	65604	20.208	ug/l 99
13) Acrolein	3.60	56	48631	84.111	ug/l 99
14) Allyl chloride	4.32	41	108423	20.063	ug/l 99
15) Acrylonitrile	4.99	53	199765	105.260	ug/l 100
16) Acetone	3.82	43	186184	91.238	ug/l 96
17) Carbon Disulfide	4.05	76	129025	17.474	ug/l 98
18) Methyl Acetate	4.33	43	88806	21.729	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	223091	20.768	ug/l 98
20) Methylene Chloride	4.55	84	80597	20.425	ug/l 98
21) trans-1,2-Dichloroethene	5.04	96	70078	20.022	ug/l 97
22) Diisopropyl ether	5.95	45	238756	21.037	ug/l 98
23) Vinyl Acetate	5.90	43	952652	106.422	ug/l 100
24) 1,1-Dichloroethane	5.85	63	134375	20.626	ug/l 99
25) 2-Butanone	6.84	43	274935	101.797	ug/l 98
26) 2,2-Dichloropropane	6.82	77	84358	18.617	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	84470	20.628	ug/l 99
28) Bromochloromethane	7.19	49	67609	20.981	ug/l 98
29) Tetrahydrofuran	7.21	42	179442	108.721	ug/l 99
30) Chloroform	7.37	83	132710	20.644	ug/l 99
31) Cyclohexane	7.65	56	124510	19.796	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	104706	20.548	ug/l 98
36) 1,1-Dichloropropene	7.79	75	95417	18.828	ug/l 99
37) Ethyl Acetate	6.93	43	106858	21.456	ug/l 99
38) Carbon Tetrachloride	7.77	117	85961	19.397	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116347	18.606	ug/l	98
40) Benzene	8.04	78	310321	19.907	ug/l	98
41) Methacrylonitrile	7.18	41	45051	20.485	ug/l	93
42) 1,2-Dichloroethane	8.13	62	101968	19.821	ug/l	100
43) Isopropyl Acetate	8.17	43	159468	20.766	ug/l	99
44) Trichloroethene	8.83	130	83445	19.872	ug/l	96
45) 1,2-Dichloropropane	9.12	63	83616	20.057	ug/l	99
46) Dibromomethane	9.21	93	52797	20.243	ug/l	99
47) Bromodichloromethane	9.40	83	91568	19.795	ug/l	100
48) Methyl methacrylate	9.20	41	78007	20.270	ug/l	98
49) 1,4-Dioxane	9.21	88	32727	409.800	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	515071	103.917	ug/l	99
52) Toluene	10.16	92	190755	20.016	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	91693	18.926	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	110986	19.924	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	79484	20.749	ug/l	98
56) Ethyl methacrylate	10.43	69	114639	20.477	ug/l	99
57) 1,3-Dichloropropane	10.71	76	132491	20.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	241158	119.905	ug/l	99
59) 2-Hexanone	10.75	43	362582	99.531	ug/l	99
60) Dibromochloromethane	10.90	129	67971	18.822	ug/l	99
61) 1,2-Dibromoethane	11.01	107	79549	20.332	ug/l	99
64) Tetrachloroethene	10.63	164	84351	21.216	ug/l	98
65) Chlorobenzene	11.43	112	201575	19.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	70978	20.818	ug/l	99
67) Ethyl Benzene	11.51	91	353050	19.932	ug/l	100
68) m/p-Xylenes	11.62	106	260021	40.056	ug/l	100
69) o-Xylene	11.95	106	127696	19.884	ug/l	100
70) Styrene	11.96	104	206319	20.099	ug/l	100
71) Bromoform	12.13	173	46101	18.850	ug/l #	97
73) Isopropylbenzene	12.25	105	342832	23.919	ug/l	99
74) N-amyl acetate	12.07	43	122179	21.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	106396	23.770	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	93450m	25.001	ug/l	
77) Bromobenzene	12.53	156	85901	21.312	ug/l	99
78) n-propylbenzene	12.59	91	347967	21.079	ug/l	100
79) 2-Chlorotoluene	12.67	91	218053	22.708	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	270674	22.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21296	20.249	ug/l	94
82) 4-Chlorotoluene	12.77	91	198220	20.337	ug/l	100
83) tert-Butylbenzene	12.99	119	242966	23.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	253075	20.854	ug/l	100
85) sec-Butylbenzene	13.17	105	304642	20.996	ug/l	100
86) p-Isopropyltoluene	13.29	119	258681	20.774	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123977	20.296	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	117816	19.915	ug/l	99
89) n-Butylbenzene	13.61	91	175895	18.659	ug/l	99
90) Hexachloroethane	13.87	117	38996	20.087	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	127334	21.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13293	19.929	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	41868	17.391	ug/l	97
94) Hexachlorobutadiene	15.01	225	45239	20.935	ug/l	98
95) Naphthalene	15.13	128	122769	18.568	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	50537	18.550	ug/l	99

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

