

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057861.D
 Acq On : 10 Sep 2019 14:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 7:06:06 AM

Quant Time: Sep 11 04:07:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	325712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	527967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	325997	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.57	113	239483	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.08	98	981110	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.40	95	353157	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	225500	50.061	ug/l	99
3) Chloromethane	2.03	50	205665	44.797	ug/l	99
4) Vinyl Chloride	2.16	62	224394	46.182	ug/l	100
5) Bromomethane	2.54	94	131746	49.320	ug/l	96
6) Chloroethane	2.68	64	145319	46.934	ug/l	99
7) Trichlorofluoromethane	2.99	101	274495	44.891	ug/l	98
8) Diethyl Ether	3.39	74	117467	46.059	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185928	48.200	ug/l	99
10) Methyl Iodide	3.93	142	192307	44.801	ug/l	98
11) Tert butyl alcohol	4.76	59	173793	217.662	ug/l	100
12) 1,1-Dichloroethene	3.71	96	156502	45.124	ug/l	98
13) Acrolein	3.58	56	144006	212.585	ug/l	100
14) Allyl chloride	4.30	41	306438	45.148	ug/l	99
15) Acrylonitrile	4.96	53	517382	235.750	ug/l	99
16) Acetone	3.80	43	529023	244.620	ug/l	98
17) Carbon Disulfide	4.02	76	241980	44.844	ug/l	99
18) Methyl Acetate	4.30	43	270901	46.981	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	705092	48.851	ug/l	99
20) Methylene Chloride	4.52	84	216366	52.618	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	169886	45.313	ug/l	95
22) Diisopropyl ether	5.93	45	789965	49.630	ug/l	99
23) Vinyl Acetate	5.87	43	2905308	257.552	ug/l	99
24) 1,1-Dichloroethane	5.82	63	416961	47.931	ug/l	99
25) 2-Butanone	6.81	43	747202	238.716	ug/l	100
26) 2,2-Dichloropropane	6.81	77	341724	49.638	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	240066	47.780	ug/l	98
28) Bromochloromethane	7.17	49	209603	48.229	ug/l	97
29) Tetrahydrofuran	7.19	42	449063	232.823	ug/l	100
30) Chloroform	7.35	83	436580	47.999	ug/l	97
31) Cyclohexane	7.63	56	302799	51.129	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	351140	48.676	ug/l	99
36) 1,1-Dichloropropene	7.78	75	287183	46.902	ug/l	99
37) Ethyl Acetate	6.91	43	287458	45.439	ug/l	99
38) Carbon Tetrachloride	7.76	117	277820	49.697	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	303324	47.124	ug/l	99
40) Benzene	8.03	78	897536	48.688	ug/l	99
41) Methacrylonitrile	7.16	41	131267m	45.711	ug/l	
42) 1,2-Dichloroethane	8.11	62	363348	49.284	ug/l	100
43) Isopropyl Acetate	8.15	43	531225	49.934	ug/l #	90
44) Trichloroethene	8.82	130	218590	48.346	ug/l	100
45) 1,2-Dichloropropane	9.11	63	268873	50.125	ug/l	96
46) Dibromomethane	9.20	93	160564	49.535	ug/l	100
47) Bromodichloromethane	9.39	83	336977	52.061	ug/l	98
48) Methyl methacrylate	9.19	41	262283	48.601	ug/l	100
49) 1,4-Dioxane	9.19	88	82721	906.417	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1603756	254.741	ug/l	100
52) Toluene	10.15	92	582542	50.173	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	362028	53.113	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	388634	51.642	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	247094	50.241	ug/l	99
56) Ethyl methacrylate	10.43	69	372946	50.356	ug/l	99
57) 1,3-Dichloropropane	10.71	76	421441	49.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	893778	256.225	ug/l	99
59) 2-Hexanone	10.75	43	1197130	253.693	ug/l	100
60) Dibromochloromethane	10.90	129	241621	52.906	ug/l	98
61) 1,2-Dibromoethane	11.00	107	234616	50.459	ug/l	99
64) Tetrachloroethene	10.63	164	176081	46.729	ug/l	100
65) Chlorobenzene	11.43	112	649679	48.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	233274	50.334	ug/l	98
67) Ethyl Benzene	11.51	91	1187278	50.723	ug/l	99
68) m/p-Xylenes	11.62	106	868402	101.283	ug/l	100
69) o-Xylene	11.95	106	428292	50.246	ug/l	97
70) Styrene	11.97	104	769156	52.433	ug/l	100
71) Bromoform	12.13	173	146921	50.848	ug/l #	96
73) Isopropylbenzene	12.25	105	1206479	49.744	ug/l	99
74) N-amyl acetate	12.07	43	503711	47.721	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	370722	45.397	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	328521m	46.462	ug/l	
77) Bromobenzene	12.53	156	280953	46.462	ug/l	98
78) n-propylbenzene	12.59	91	1437467	51.613	ug/l	100
79) 2-Chlorotoluene	12.68	91	843041	47.893	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1047698	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	99161	49.352	ug/l	96
82) 4-Chlorotoluene	12.78	91	891417	49.313	ug/l	100
83) tert-Butylbenzene	13.00	119	895050	49.134	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1069080	51.329	ug/l	98
85) sec-Butylbenzene	13.18	105	1240599	51.383	ug/l	99
86) p-Isopropyltoluene	13.29	119	1125948	52.927	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	544738	49.079	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	550453	48.858	ug/l	99
89) n-Butylbenzene	13.62	91	1066301	53.076	ug/l	100
90) Hexachloroethane	13.88	117	165892	52.434	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	542169	48.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	65057	48.240	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	338113	46.651	ug/l	99
94) Hexachlorobutadiene	15.01	225	150183	48.882	ug/l	98
95) Naphthalene	15.13	128	931646	50.947	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	316769	50.062	ug/l	98

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

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