

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057892.D
 Acq On : 11 Sep 2019 2:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 7:06:24 AM

Quant Time: Sep 11 05:16:33 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	372469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	606449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373230	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.57	113	277774	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.09	98	1125774	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	412878	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	276694	53.716	ug/l	100
3) Chloromethane	2.03	50	223137	42.502	ug/l	97
4) Vinyl Chloride	2.16	62	241882	43.532	ug/l	99
5) Bromomethane	2.53	94	96194	30.923	ug/l	99
6) Chloroethane	2.67	64	145823	41.185	ug/l	98
7) Trichlorofluoromethane	2.99	101	308784	44.159	ug/l	100
8) Diethyl Ether	3.39	74	136664	46.859	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	208296	47.221	ug/l	98
10) Methyl Iodide	3.93	142	142593	29.049	ug/l	100
11) Tert butyl alcohol	4.77	59	189987	208.074	ug/l	100
12) 1,1-Dichloroethene	3.71	96	183839	46.352	ug/l	97
13) Acrolein	3.59	56	147252	190.089	ug/l	100
14) Allyl chloride	4.30	41	345728	44.543	ug/l	99
15) Acrylonitrile	4.96	53	591214	235.575	ug/l	100
16) Acetone	3.80	43	475071	192.097	ug/l	98
17) Carbon Disulfide	4.03	76	284990	46.180	ug/l	98
18) Methyl Acetate	4.30	43	319076	48.389	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	811413	49.160	ug/l	98
20) Methylene Chloride	4.53	84	236529	50.245	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	193728	45.185	ug/l	98
22) Diisopropyl ether	5.93	45	886611	48.709	ug/l	100
23) Vinyl Acetate	5.87	43	3256707	252.462	ug/l	99
24) 1,1-Dichloroethane	5.82	63	469314	47.177	ug/l	100
25) 2-Butanone	6.82	43	786758	219.800	ug/l	99
26) 2,2-Dichloropropane	6.80	77	278381	35.361	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	270427	47.066	ug/l	97
28) Bromochloromethane	7.17	49	235215	47.328	ug/l	93
29) Tetrahydrofuran	7.19	42	504857	228.892	ug/l	100
30) Chloroform	7.36	83	487139	46.834	ug/l	99
31) Cyclohexane	7.64	56	331330	48.823	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	396365	48.048	ug/l	99
36) 1,1-Dichloropropene	7.78	75	316165	44.953	ug/l	99
37) Ethyl Acetate	6.91	43	336878	46.360	ug/l	99
38) Carbon Tetrachloride	7.76	117	313177	48.772	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	330780	44.739	ug/l	99
40) Benzene	8.03	78	982803	46.414	ug/l	98
41) Methacrylonitrile	7.16	41	170052	51.554	ug/l	92
42) 1,2-Dichloroethane	8.11	62	398345	47.039	ug/l	100
43) Isopropyl Acetate	8.15	43	605638	49.561	ug/l	99
44) Trichloroethene	8.82	130	241812	46.560	ug/l	97
45) 1,2-Dichloropropane	9.11	63	287377	46.641	ug/l	99
46) Dibromomethane	9.20	93	176141	47.308	ug/l	98
47) Bromodichloromethane	9.40	83	368706	49.591	ug/l	99
48) Methyl methacrylate	9.19	41	289871	46.762	ug/l	99
49) 1,4-Dioxane	9.19	88	81901	781.293	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1795740	248.323	ug/l	100
52) Toluene	10.15	92	636243	47.707	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	383107	48.931	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	416312	48.161	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	271906	48.132	ug/l	99
56) Ethyl methacrylate	10.43	69	424287	49.874	ug/l	99
57) 1,3-Dichloropropane	10.71	76	469936	48.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1005185	250.871	ug/l	98
59) 2-Hexanone	10.75	43	1310581	241.793	ug/l	100
60) Dibromochloromethane	10.90	129	273061	52.053	ug/l	100
61) 1,2-Dibromoethane	11.00	107	262305	49.114	ug/l	99
64) Tetrachloroethene	10.63	164	205162	47.683	ug/l	99
65) Chlorobenzene	11.43	112	716250	46.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	261084	49.336	ug/l	99
67) Ethyl Benzene	11.51	91	1301432	48.693	ug/l	100
68) m/p-Xylenes	11.62	106	965009	98.568	ug/l	98
69) o-Xylene	11.95	106	480693	49.388	ug/l	100
70) Styrene	11.97	104	854066	50.988	ug/l	100
71) Bromoform	12.13	173	168989	51.220	ug/l #	99
73) Isopropylbenzene	12.25	105	1335293	48.467	ug/l	100
74) N-amyl acetate	12.07	43	583401	48.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	420447	45.325	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	345769m	43.050	ug/l	
77) Bromobenzene	12.53	156	335123	48.788	ug/l	89
78) n-propylbenzene	12.59	91	1554619	49.140	ug/l	100
79) 2-Chlorotoluene	12.68	91	926939	46.357	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1138671	48.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	97219	42.595	ug/l	96
82) 4-Chlorotoluene	12.78	91	977782	47.618	ug/l	100
83) tert-Butylbenzene	13.00	119	999586	48.306	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1168510	49.389	ug/l	99
85) sec-Butylbenzene	13.18	105	1349772	49.214	ug/l	99
86) p-Isopropyltoluene	13.29	119	1216580	50.343	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	600596	47.636	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	598214	46.743	ug/l	100
89) n-Butylbenzene	13.62	91	1129390	49.489	ug/l	100
90) Hexachloroethane	13.88	117	177242	49.317	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	600978	47.712	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	77313	50.468	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	383838	46.622	ug/l	98
94) Hexachlorobutadiene	15.01	225	166589	47.733	ug/l	97
95) Naphthalene	15.13	128	1180376	57.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	365223	50.798	ug/l	99

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

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Sample : VSTDC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

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