

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058275.D
 Acq On : 23 Sep 2019 8:42
 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
 9/25/2019 12:47:31 AM

Quant Time: Sep 23 13:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	793108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	366875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	341162	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.57	113	242651	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	963952	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.40	95	361893	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	171225	44.329	ug/l	98
3) Chloromethane	2.03	50	146786	49.287	ug/l	96
4) Vinyl Chloride	2.17	62	156324	47.978	ug/l	98
5) Bromomethane	2.54	94	87899	50.987	ug/l	98
6) Chloroethane	2.68	64	107581	51.642	ug/l	99
7) Trichlorofluoromethane	3.00	101	236864	44.927	ug/l	99
8) Diethyl Ether	3.39	74	111131	46.003	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	180583	47.506	ug/l	99
10) Methyl Iodide	3.93	142	149509	46.938	ug/l	100
11) Tert butyl alcohol	4.75	59	184273	236.546	ug/l	100
12) 1,1-Dichloroethene	3.72	96	141859	49.170	ug/l	93
13) Acrolein	3.59	56	37232	322.502	ug/l	100
14) Allyl chloride	4.30	41	274984	44.209	ug/l	91
15) Acrylonitrile	4.96	53	541815	261.050	ug/l	100
16) Acetone	3.79	43	655079	294.684	ug/l	98
17) Carbon Disulfide	4.03	76	191834	47.259	ug/l	98
18) Methyl Acetate	4.30	43	287383	49.130	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	720711	50.269	ug/l	99
20) Methylene Chloride	4.53	84	200247	51.457	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	154603	49.176	ug/l	97
22) Diisopropyl ether	5.93	45	811609	51.367	ug/l	99
23) Vinyl Acetate	5.87	43	2929910	271.001	ug/l	100
24) 1,1-Dichloroethane	5.82	63	419704	49.770	ug/l	99
25) 2-Butanone	6.81	43	847826	279.944	ug/l	99
26) 2,2-Dichloropropane	6.80	77	356431	49.821	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	233464	48.962	ug/l	99
28) Bromochloromethane	7.18	49	214916	53.873	ug/l	98
29) Tetrahydrofuran	7.19	42	458763	245.919	ug/l	99
30) Chloroform	7.35	83	452609	49.862	ug/l	99
31) Cyclohexane	7.63	56	264642	48.475	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	351258	50.831	ug/l	99
36) 1,1-Dichloropropene	7.78	75	260545	45.554	ug/l	100
37) Ethyl Acetate	6.91	43	300976	50.707	ug/l	100
38) Carbon Tetrachloride	7.76	117	282782	49.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	261706	47.329	ug/l	98
40) Benzene	8.03	78	842149	48.207	ug/l	100
41) Methacrylonitrile	7.16	41	167723	55.980	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	362496	49.452	ug/l	100
43) Isopropyl Acetate	8.15	43	535744	48.329	ug/l #	92
44) Trichloroethene	8.82	130	206759	48.365	ug/l	99
45) 1,2-Dichloropropane	9.11	63	265561	50.903	ug/l	99
46) Dibromomethane	9.20	93	156850	49.451	ug/l	99
47) Bromodichloromethane	9.39	83	356974	53.721	ug/l	100
48) Methyl methacrylate	9.19	41	261923	52.039	ug/l	99
49) 1,4-Dioxane	9.19	88	87112	1054.169	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1686155	286.370	ug/l	99
52) Toluene	10.15	92	537272	49.074	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	373321	54.846	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	395062	52.569	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	253395	52.155	ug/l	98
56) Ethyl methacrylate	10.43	69	378737	54.028	ug/l	99
57) 1,3-Dichloropropane	10.71	76	425568	50.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	936453	280.454	ug/l	100
59) 2-Hexanone	10.75	43	1315286	300.776	ug/l	98
60) Dibromochloromethane	10.90	129	266004	56.910	ug/l	100
61) 1,2-Dibromoethane	11.00	107	230097	51.103	ug/l	100
64) Tetrachloroethene	10.63	164	163450	45.591	ug/l	99
65) Chlorobenzene	11.43	112	633217	48.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	249602	53.213	ug/l	100
67) Ethyl Benzene	11.51	91	1139803	51.422	ug/l	100
68) m/p-Xylenes	11.62	106	834069	99.910	ug/l	98
69) o-Xylene	11.95	106	419262	51.075	ug/l	100
70) Styrene	11.97	104	756754	53.505	ug/l	100
71) Bromoform	12.13	173	172830	49.720	ug/l #	99
73) Isopropylbenzene	12.25	105	1197476	52.146	ug/l	99
74) N-amyl acetate	12.07	43	523253	54.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	398915	51.874	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	335989m	51.172	ug/l	
77) Bromobenzene	12.53	156	282248	48.862	ug/l	98
78) n-propylbenzene	12.60	91	1421941	54.490	ug/l	99
79) 2-Chlorotoluene	12.68	91	853099	52.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1025575	52.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107292	48.792	ug/l	99
82) 4-Chlorotoluene	12.78	91	886342	51.702	ug/l	99
83) tert-Butylbenzene	13.00	119	893636	51.604	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1048142	54.238	ug/l	99
85) sec-Butylbenzene	13.18	105	1232108	54.409	ug/l	100
86) p-Isopropyltoluene	13.30	119	1105849	54.930	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	544074	51.568	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	545312	50.627	ug/l	100
89) n-Butylbenzene	13.62	91	1022443	53.568	ug/l	100
90) Hexachloroethane	13.88	117	182037	51.476	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	543463	51.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	74657	53.925	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	339058	50.142	ug/l	99
94) Hexachlorobutadiene	15.02	225	152163	46.557	ug/l	100
95) Naphthalene	15.13	128	904845	51.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	315907	49.428	ug/l	100

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

