

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
 Data File : VN059022.D
 Acq On : 30 Oct 2019 12:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 3:37:29 PM

Quant Time: Oct 31 05:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	636738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	278688	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.57	113	214745	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.08	98	806559	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	312895	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	214893	42.670	ug/l	100
3) Chloromethane	2.04	50	275509	44.171	ug/l	100
4) Vinyl Chloride	2.17	62	284261	45.900	ug/l	99
5) Bromomethane	2.54	94	164669	42.460	ug/l	98
6) Chloroethane	2.68	64	176285	44.388	ug/l	98
7) Trichlorofluoromethane	3.00	101	357564	46.662	ug/l	99
8) Diethyl Ether	3.39	74	138658	52.362	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	209404	49.293	ug/l	98
10) Methyl Iodide	3.93	142	257943	46.167	ug/l	99
11) Tert butyl alcohol	4.75	59	245277	249.494	ug/l	100
12) 1,1-Dichloroethene	3.72	96	194229	48.777	ug/l	97
13) Acrolein	3.58	56	144698	214.212	ug/l	99
14) Allyl chloride	4.30	41	373217	46.319	ug/l	96
15) Acrylonitrile	4.96	53	661833	267.635	ug/l	99
16) Acetone	3.79	43	747985	255.512	ug/l	98
17) Carbon Disulfide	4.03	76	546996	42.644	ug/l	100
18) Methyl Acetate	4.30	43	355662	53.439	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	749714	53.770	ug/l	99
20) Methylene Chloride	4.52	84	242866	48.587	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	214019	48.668	ug/l	97
22) Diisopropyl ether	5.92	45	854167	54.197	ug/l	95
23) Vinyl Acetate	5.87	43	3511233	277.297	ug/l	99
24) 1,1-Dichloroethane	5.82	63	454643	49.750	ug/l	99
25) 2-Butanone	6.81	43	980252	257.957	ug/l	99
26) 2,2-Dichloropropane	6.80	77	400239	50.633	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	255716	50.904	ug/l	99
28) Bromochloromethane	7.18	49	152366	50.062	ug/l	100
29) Tetrahydrofuran	7.19	42	609117	262.028	ug/l	100
30) Chloroform	7.35	83	446768	48.737	ug/l	100
31) Cyclohexane	7.63	56	388914	45.681	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	378057	48.928	ug/l	98
36) 1,1-Dichloropropene	7.77	75	335278	51.432	ug/l	100
37) Ethyl Acetate	6.91	43	372905	52.499	ug/l	99
38) Carbon Tetrachloride	7.75	117	326095	48.557	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	374857	51.212	ug/l	99
40) Benzene	8.02	78	1001040	52.294	ug/l	99
41) Methacrylonitrile	7.15	41	166153	52.521	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	363722	49.325	ug/l	99
43) Isopropyl Acetate	8.15	43	605516	53.154	ug/l	100
44) Trichloroethene	8.82	130	238458	51.138	ug/l	100
45) 1,2-Dichloropropane	9.10	63	278422	53.041	ug/l	100
46) Dibromomethane	9.19	93	168667	50.828	ug/l	97
47) Bromodichloromethane	9.39	83	356191	52.079	ug/l	98
48) Methyl methacrylate	9.19	41	279465	54.071	ug/l	96
49) 1,4-Dioxane	9.18	88	97154	1145.085	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1900668	285.649	ug/l	98
52) Toluene	10.15	92	608881	53.637	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	408380	53.937	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	437923	54.138	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	246408	52.692	ug/l	98
56) Ethyl methacrylate	10.42	69	397404	50.566	ug/l	96
57) 1,3-Dichloropropane	10.70	76	434959	52.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	841824	253.697	ug/l	100
59) 2-Hexanone	10.75	43	1459230	283.805	ug/l	98
60) Dibromochloromethane	10.90	129	276227	54.878	ug/l	99
61) 1,2-Dibromoethane	11.00	107	255588	53.406	ug/l	100
64) Tetrachloroethene	10.63	164	209824	50.447	ug/l	98
65) Chlorobenzene	11.43	112	654508	54.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	249275	54.634	ug/l	99
67) Ethyl Benzene	11.51	91	1201809	56.661	ug/l	99
68) m/p-Xylenes	11.62	106	892065	113.411	ug/l	99
69) o-Xylene	11.95	106	427969	57.048	ug/l	98
70) Styrene	11.97	104	722576	52.106	ug/l	99
71) Bromoform	12.13	173	199781	56.466	ug/l #	98
73) Isopropylbenzene	12.25	105	1169465	53.608	ug/l	99
74) N-amyl acetate	12.07	43	530812	53.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	391295	51.012	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	369305m	53.382	ug/l	
77) Bromobenzene	12.53	156	280448	52.156	ug/l	97
78) n-propylbenzene	12.59	91	1404997	54.486	ug/l	100
79) 2-Chlorotoluene	12.68	91	824450	52.239	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	997676	54.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	141035	53.107	ug/l	96
82) 4-Chlorotoluene	12.78	91	850433	52.729	ug/l	99
83) tert-Butylbenzene	13.00	119	850159	54.242	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1004164	55.545	ug/l	99
85) sec-Butylbenzene	13.17	105	1155632	55.302	ug/l	99
86) p-Isopropyltoluene	13.29	119	1047125	56.791	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	508708	52.910	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	499922	51.934	ug/l	98
89) n-Butylbenzene	13.62	91	944743	55.778	ug/l	99
90) Hexachloroethane	13.88	117	191334	51.211	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	505935	53.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	78909	45.482	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	294560	49.539	ug/l	99
94) Hexachlorobutadiene	15.01	225	165225	53.944	ug/l	98
95) Naphthalene	15.13	128	789008	46.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	287095	49.593	ug/l	100

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

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