

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060541.D
 Acq On : 16 Mar 2020 22:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Mar 17 09:03:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132317	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.56	113	100970	64.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.48%	
50) Toluene-d8	10.08	98	390673	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	151230	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

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3/17/2020 11:48:23 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68657	38.244	ug/l	99
3) Chloromethane	2.03	50	136062	43.532	ug/l	100
4) Vinyl Chloride	2.16	62	106528	39.741	ug/l	99
5) Bromomethane	2.54	94	46725	42.967	ug/l	99
6) Chloroethane	2.68	64	67107	46.206	ug/l	98
7) Trichlorofluoromethane	3.00	101	151830	44.333	ug/l	99
8) Diethyl Ether	3.38	74	64034	49.520	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	89783	46.322	ug/l	99
10) Methyl Iodide	3.93	142	64534	36.482	ug/l	99
11) Tert butyl alcohol	4.72	59	97891	262.418	ug/l	100
12) 1,1-Dichloroethene	3.71	96	88470	47.025	ug/l	97
13) Acrolein	3.58	56	92090	264.621	ug/l	99
14) Allyl chloride	4.29	41	159528	45.994	ug/l	96
15) Acrylonitrile	4.94	53	285463	290.327	ug/l	99
16) Acetone	3.78	43	230747	284.425	ug/l	100
17) Carbon Disulfide	4.03	76	208625	41.674	ug/l	99
18) Methyl Acetate	4.28	43	151832	56.081	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	351077	51.402	ug/l	98
20) Methylene Chloride	4.52	84	107530	48.263	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	95654	47.304	ug/l	95
22) Diisopropyl ether	5.91	45	385808	54.914	ug/l	99
23) Vinyl Acetate	5.86	43	1521097	272.459	ug/l	98
24) 1,1-Dichloroethane	5.81	63	205887	51.769	ug/l	100
25) 2-Butanone	6.80	43	375479	286.537	ug/l	98
26) 2,2-Dichloropropane	6.80	77	151470	41.836	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	118232	45.764	ug/l	98
28) Bromochloromethane	7.17	49	87051	53.312	ug/l	94
29) Tetrahydrofuran	7.18	42	254891	279.723	ug/l	97
30) Chloroform	7.35	83	199106	50.292	ug/l	97
31) Cyclohexane	7.63	56	164573	48.451	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	170942	48.733	ug/l	100
36) 1,1-Dichloropropene	7.77	75	140786	43.964	ug/l	99
37) Ethyl Acetate	6.89	43	159894	52.733	ug/l	98
38) Carbon Tetrachloride	7.75	117	132774	42.586	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	150492	39.859	ug/l	98
40) Benzene	8.02	78	437808	46.973	ug/l	100
41) Methacrylonitrile	7.15	41	80934m	57.808	ug/l	
42) 1,2-Dichloroethane	8.10	62	157373	46.791	ug/l	100
43) Isopropyl Acetate	8.14	43	277313	52.241	ug/l	99
44) Trichloroethene	8.82	130	111497	42.953	ug/l	99
45) 1,2-Dichloropropane	9.10	63	123918	50.852	ug/l	99
46) Dibromomethane	9.19	93	74297	46.988	ug/l	99
47) Bromodichloromethane	9.39	83	159564	49.617	ug/l	100
48) Methyl methacrylate	9.18	41	122865	50.757	ug/l	97
49) 1,4-Dioxane	9.18	88	32750	962.076	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	823116	273.487	ug/l	100
52) Toluene	10.14	92	266004	45.434	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	180251	45.743	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	192762	47.209	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	111358	47.297	ug/l	98
56) Ethyl methacrylate	10.42	69	177240	52.399	ug/l	97
57) 1,3-Dichloropropane	10.70	76	191243	49.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	445721	251.951	ug/l	98
59) 2-Hexanone	10.74	43	589773	266.889	ug/l	99
60) Dibromochloromethane	10.89	129	117973	49.271	ug/l	99
61) 1,2-Dibromoethane	10.99	107	110661	48.215	ug/l	98
64) Tetrachloroethene	10.62	164	102156	41.093	ug/l	99
65) Chlorobenzene	11.43	112	284424	44.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	110382	47.112	ug/l	99
67) Ethyl Benzene	11.50	91	525194	45.512	ug/l	100
68) m/p-Xylenes	11.61	106	381869	87.708	ug/l	98
69) o-Xylene	11.94	106	187469	45.154	ug/l	99
70) Styrene	11.96	104	314876	46.128	ug/l	100
71) Bromoform	12.12	173	86367	51.147	ug/l #	100
73) Isopropylbenzene	12.24	105	505804	45.208	ug/l	100
74) N-amyl acetate	12.06	43	242438	49.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165213	54.323	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	146350m	44.189	ug/l	
77) Bromobenzene	12.52	156	123919	45.184	ug/l	96
78) n-propylbenzene	12.59	91	592826	45.203	ug/l	99
79) 2-Chlorotoluene	12.67	91	352232	45.690	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	425097	45.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	58671	48.902	ug/l #	84
82) 4-Chlorotoluene	12.77	91	364753	44.908	ug/l	98
83) tert-Butylbenzene	12.99	119	367684	45.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	424960	44.694	ug/l	100
85) sec-Butylbenzene	13.17	105	486961	44.587	ug/l	99
86) p-Isopropyltoluene	13.28	119	428996	42.438	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217136	46.061	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	216513	46.179	ug/l	99
89) n-Butylbenzene	13.61	91	384768	41.464	ug/l	99
90) Hexachloroethane	13.87	117	67296	45.992	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	212801	44.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32954	47.849	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	129674	42.479	ug/l	100
94) Hexachlorobutadiene	15.01	225	61834	43.982	ug/l	99
95) Naphthalene	15.13	128	393652	43.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125068	43.466	ug/l	99

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

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