

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061969.D
 Acq On : 19 Jun 2020 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:30:02 AM

Quant Time: Jun 22 02:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113701	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	7.55	113	94325	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.06	98	373347	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	131817	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	105949	49.990	ug/l 100
3) Chloromethane	2.03	50	114923	50.830	ug/l 98
4) Vinyl Chloride	2.16	62	147885	54.867	ug/l 100
5) Bromomethane	2.52	94	90716	43.828	ug/l 96
6) Chloroethane	2.66	64	95403	52.300	ug/l 100
7) Trichlorofluoromethane	2.98	101	155204	48.207	ug/l 98
8) Diethyl Ether	3.37	74	60026	55.459	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	85580	51.813	ug/l 99
10) Methyl Iodide	3.91	142	103031	51.506	ug/l 98
11) Tert butyl alcohol	4.74	59	77532	256.477	ug/l 99
12) 1,1-Dichloroethene	3.69	96	87926	53.128	ug/l 97
13) Acrolein	3.56	56	57338	317.355	ug/l 99
14) Allyl chloride	4.27	41	119336	54.329	ug/l 99
15) Acrylonitrile	4.93	53	222488	297.031	ug/l 99
16) Acetone	3.77	43	171931	266.447	ug/l 100
17) Carbon Disulfide	4.00	76	237576	49.060	ug/l 98
18) Methyl Acetate	4.27	43	105796	56.948	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	301289	54.676	ug/l 99
20) Methylene Chloride	4.50	84	103974	49.457	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	97406	51.241	ug/l 98
22) Diisopropyl ether	5.90	45	274305	54.603	ug/l 96
23) Vinyl Acetate	5.84	43	1114093	281.971	ug/l 98
24) 1,1-Dichloroethane	5.80	63	173375	52.721	ug/l 99
25) 2-Butanone	6.79	43	272508	289.454	ug/l 98
26) 2,2-Dichloropropane	6.77	77	131397	47.492	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	114592	52.244	ug/l 100
28) Bromochloromethane	7.15	49	79689	54.424	ug/l 94
29) Tetrahydrofuran	7.17	42	180229	290.889	ug/l 99
30) Chloroform	7.33	83	179939	51.198	ug/l 100
31) Cyclohexane	7.61	56	143542	49.862	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	156161	52.173	ug/l 99
36) 1,1-Dichloropropene	7.75	75	134604	51.485	ug/l 100
37) Ethyl Acetate	6.88	43	117702	57.652	ug/l 100
38) Carbon Tetrachloride	7.73	117	130260	50.313	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	148091	52.605	ug/l	98
40) Benzene	8.00	78	412497	52.085	ug/l	99
41) Methacrylonitrile	7.12	41	45441	52.051	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	141160	52.274	ug/l	100
43) Isopropyl Acetate	8.13	43	198547	57.707	ug/l #	90
44) Trichloroethene	8.80	130	104236	50.011	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103984	53.428	ug/l	100
46) Dibromomethane	9.18	93	72011	52.542	ug/l	98
47) Bromodichloromethane	9.37	83	146503	52.204	ug/l	98
48) Methyl methacrylate	9.17	41	86866	55.518	ug/l	99
49) 1,4-Dioxane	9.17	88	36641	1020.001	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	600589	295.397	ug/l	100
52) Toluene	10.12	92	270438	54.373	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	160872	53.998	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	172348	53.262	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105473	53.897	ug/l	97
56) Ethyl methacrylate	10.40	69	153061	51.135	ug/l	98
57) 1,3-Dichloropropane	10.68	76	177872	53.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	294503	285.150	ug/l	98
59) 2-Hexanone	10.72	43	439362	269.392	ug/l	99
60) Dibromochloromethane	10.87	129	114309	52.348	ug/l	99
61) 1,2-Dibromoethane	10.98	107	107853	52.781	ug/l	98
64) Tetrachloroethene	10.60	164	87488	51.749	ug/l	98
65) Chlorobenzene	11.41	112	284331	50.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103588	53.066	ug/l	99
67) Ethyl Benzene	11.48	91	507617	54.093	ug/l	99
68) m/p-Xylenes	11.59	106	391406	108.166	ug/l	99
69) o-Xylene	11.92	106	188079	54.474	ug/l	98
70) Styrene	11.94	104	322871	55.850	ug/l	100
71) Bromoform	12.10	173	78107	54.876	ug/l #	98
73) Isopropylbenzene	12.22	105	498273	53.462	ug/l	100
74) N-amyl acetate	12.04	43	180414	53.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	159736	52.715	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	131922m	51.233	ug/l	
77) Bromobenzene	12.50	156	120644	51.308	ug/l	98
78) n-propylbenzene	12.57	91	565217	53.148	ug/l	99
79) 2-Chlorotoluene	12.65	91	336573	52.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	410898	53.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51418	54.463	ug/l	99
82) 4-Chlorotoluene	12.75	91	351107	53.199	ug/l	98
83) tert-Butylbenzene	12.97	119	354338	54.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	413201	54.286	ug/l	100
85) sec-Butylbenzene	13.15	105	467963	54.693	ug/l	99
86) p-Isopropyltoluene	13.26	119	416682	54.652	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	217070	50.616	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214846	48.942	ug/l	98
89) n-Butylbenzene	13.59	91	344430	54.093	ug/l	99
90) Hexachloroethane	13.85	117	75791	54.306	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	213769	51.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28465	57.863	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	103095	52.918	ug/l	100
94) Hexachlorobutadiene	14.98	225	40730	53.082	ug/l	97
95) Naphthalene	15.10	128	305993	47.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103159	53.466	ug/l	99

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

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