

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061040.D
 Acq On : 17 Apr 2020 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:20:11 AM

Quant Time: Apr 20 01:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	163404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	272321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	247993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	94680	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
35) Dibromofluoromethane	7.56	113	74327	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.08	98	264358	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.39	95	106314	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100928	46.755	ug/l	100
3) Chloromethane	2.04	50	129665	44.741	ug/l	99
4) Vinyl Chloride	2.17	62	110175	45.746	ug/l	99
5) Bromomethane	2.54	94	55790	46.193	ug/l	100
6) Chloroethane	2.68	64	67189	48.362	ug/l	99
7) Trichlorofluoromethane	3.00	101	144189	48.089	ug/l	99
8) Diethyl Ether	3.38	74	58696	49.254	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84010	47.756	ug/l	99
10) Methyl Iodide	3.92	142	90371	58.232	ug/l	100
11) Tert butyl alcohol	4.72	59	93753	252.747	ug/l	100
12) 1,1-Dichloroethene	3.71	96	83229	46.544	ug/l	96
13) Acrolein	3.57	56	77836	248.520	ug/l	100
14) Allyl chloride	4.29	41	151927	44.904	ug/l	98
15) Acrylonitrile	4.94	53	259874	258.389	ug/l	99
16) Acetone	3.77	43	244005	265.165	ug/l	100
17) Carbon Disulfide	4.03	76	252540	45.133	ug/l	99
18) Methyl Acetate	4.28	43	148613	51.503	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	307755	49.359	ug/l	97
20) Methylene Chloride	4.52	84	96642	48.102	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	89738	46.921	ug/l	96
22) Diisopropyl ether	5.91	45	339284	48.284	ug/l	99
23) Vinyl Acetate	5.85	43	1366330	247.962	ug/l	99
24) 1,1-Dichloroethane	5.81	63	177999	46.902	ug/l	99
25) 2-Butanone	6.79	43	362925	257.378	ug/l	100
26) 2,2-Dichloropropane	6.79	77	151279	47.874	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	105078	47.855	ug/l	99
28) Bromochloromethane	7.16	49	80825	46.396	ug/l	100
29) Tetrahydrofuran	7.17	42	237483	248.078	ug/l	98
30) Chloroform	7.34	83	171066	48.326	ug/l	99
31) Cyclohexane	7.63	56	171242	43.971	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	145053	47.374	ug/l	100
36) 1,1-Dichloropropene	7.76	75	131996	46.972	ug/l	100
37) Ethyl Acetate	6.89	43	148240	48.582	ug/l	100
38) Carbon Tetrachloride	7.75	117	115645	49.441	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	159559	47.493	ug/l	99
40) Benzene	8.01	78	397174	47.642	ug/l	99
41) Methacrylonitrile	7.15	41	76080m	59.778	ug/l	
42) 1,2-Dichloroethane	8.10	62	143203	50.425	ug/l	99
43) Isopropyl Acetate	8.13	43	249500	50.276	ug/l	100
44) Trichloroethene	8.81	130	99452	47.477	ug/l	99
45) 1,2-Dichloropropane	9.10	63	108500	48.185	ug/l	98
46) Dibromomethane	9.19	93	66035	50.864	ug/l	99
47) Bromodichloromethane	9.38	83	136654	49.826	ug/l	100
48) Methyl methacrylate	9.18	41	111506	50.844	ug/l	99
49) 1,4-Dioxane	9.17	88	32946	1080.800	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	731226	255.604	ug/l	100
52) Toluene	10.14	92	240297	48.047	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	161384	50.657	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	173205	49.829	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	95376	50.393	ug/l	98
56) Ethyl methacrylate	10.42	69	154504	51.914	ug/l	98
57) 1,3-Dichloropropane	10.69	76	166590	49.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	406931	300.905	ug/l	99
59) 2-Hexanone	10.74	43	538935	261.222	ug/l	100
60) Dibromochloromethane	10.89	129	99867	51.366	ug/l	99
61) 1,2-Dibromoethane	10.99	107	96749	50.166	ug/l	100
64) Tetrachloroethene	10.62	164	93106	49.063	ug/l	99
65) Chlorobenzene	11.42	112	247598	48.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	90806	49.578	ug/l	99
67) Ethyl Benzene	11.50	91	465343	48.322	ug/l	99
68) m/p-Xylenes	11.61	106	338273	97.198	ug/l	100
69) o-Xylene	11.94	106	163474	48.854	ug/l	99
70) Styrene	11.96	104	270769	50.263	ug/l	100
71) Bromoform	12.12	173	72164	52.783	ug/l #	99
73) Isopropylbenzene	12.24	105	436717	46.766	ug/l	100
74) N-amyl acetate	12.06	43	215125	49.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	141108	49.501	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	122880m	47.927	ug/l	
77) Bromobenzene	12.52	156	103556	47.495	ug/l	100
78) n-propylbenzene	12.58	91	520754	47.664	ug/l	100
79) 2-Chlorotoluene	12.67	91	306401	47.816	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	370245	47.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	51668	49.707	ug/l	98
82) 4-Chlorotoluene	12.77	91	317619	47.792	ug/l	100
83) tert-Butylbenzene	12.99	119	307354	47.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	374839	49.128	ug/l	100
85) sec-Butylbenzene	13.17	105	418722	47.607	ug/l	100
86) p-Isopropyltoluene	13.28	119	377198	48.160	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	185206	47.664	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	185556	47.468	ug/l	99
89) n-Butylbenzene	13.61	91	350170	48.079	ug/l	100
90) Hexachloroethane	13.87	117	56784	47.256	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	179136	48.303	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	28732	52.080	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	110007	50.116	ug/l	99
94) Hexachlorobutadiene	15.01	225	53477	47.358	ug/l	98
95) Naphthalene	15.13	128	326449	50.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	105628	49.934	ug/l	99

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

