

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061154.D
 Acq On : 27 Apr 2020 17:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:41 PM

Quant Time: Apr 28 02:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	120898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	203680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201585	121.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.14%	
35) Dibromofluoromethane	7.55	113	130862	107.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.70%	
50) Toluene-d8	10.06	98	553265	107.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.56%	
62) 4-Bromofluorobenzene	12.38	95	212292	109.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	142236	123.675	ug/l	99
3) Chloromethane	2.03	50	165068	117.722	ug/l	98
4) Vinyl Chloride	2.16	62	187016	110.939	ug/l	99
5) Bromomethane	2.52	94	88045	107.397	ug/l	99
6) Chloroethane	2.66	64	114544	124.494	ug/l	100
7) Trichlorofluoromethane	2.98	101	197621	108.874	ug/l	100
8) Diethyl Ether	3.37	74	91919	110.701	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130721	109.249	ug/l	100
10) Methyl Iodide	3.91	142	173211	102.169	ug/l	99
11) Tert butyl alcohol	4.73	59	129506	607.654	ug/l	99
12) 1,1-Dichloroethene	3.70	96	130562	106.863	ug/l	99
13) Acrolein	3.56	56	88588	558.309	ug/l	97
14) Allyl chloride	4.27	41	220460	111.414	ug/l	93
15) Acrylonitrile	4.93	53	430327	649.369	ug/l	99
16) Acetone	3.77	43	366010	459.194	ug/l	99
17) Carbon Disulfide	4.01	76	381137	105.739	ug/l	100
18) Methyl Acetate	4.27	43	243110	112.646	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	509470	116.838	ug/l	100
20) Methylene Chloride	4.50	84	153403	108.125	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147910	101.602	ug/l	98
22) Diisopropyl ether	5.90	45	596865	129.985	ug/l	99
23) Vinyl Acetate	5.84	43	2471761	670.972	ug/l	100
24) 1,1-Dichloroethane	5.80	63	301413	120.283	ug/l	100
25) 2-Butanone	6.78	43	610988	668.969	ug/l	99
26) 2,2-Dichloropropane	6.77	77	238527	107.900	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	173326	107.004	ug/l	98
28) Bromochloromethane	7.15	49	141291	130.007	ug/l	97
29) Tetrahydrofuran	7.16	42	421880	671.386	ug/l	99
30) Chloroform	7.33	83	302261	119.336	ug/l	99
31) Cyclohexane	7.61	56	281495	111.954	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	265089	117.391	ug/l	100
36) 1,1-Dichloropropene	7.75	75	229476	110.498	ug/l	99
37) Ethyl Acetate	6.88	43	262068	122.844	ug/l	99
38) Carbon Tetrachloride	7.73	117	198503	110.048	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	261021	104.279	ug/l	99
40) Benzene	8.00	78	667665	108.760	ug/l	100
41) Methacrylonitrile	7.12	41	110038	112.592	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	251747	113.450	ug/l	100
43) Isopropyl Acetate	8.12	43	445099	123.207	ug/l	100
44) Trichloroethene	8.80	130	172807	97.912	ug/l	99
45) 1,2-Dichloropropane	9.08	63	177967	109.047	ug/l	98
46) Dibromomethane	9.17	93	113507	109.147	ug/l	99
47) Bromodichloromethane	9.37	83	243505	117.738	ug/l	98
48) Methyl methacrylate	9.17	41	207573	122.591	ug/l	98
49) 1,4-Dioxane	9.16	88	39867	1609.200	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1354159	639.954	ug/l	99
52) Toluene	10.12	92	416902	108.671	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	277312	110.499	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	287582	110.459	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	161583	109.246	ug/l	98
56) Ethyl methacrylate	10.40	69	273101	120.557	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287720	113.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	686540	587.480	ug/l	99
59) 2-Hexanone	10.72	43	1001732	641.549	ug/l	99
60) Dibromochloromethane	10.87	129	175622	113.588	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168111	110.497	ug/l	99
64) Tetrachloroethene	10.60	164	179185	88.247	ug/l	100
65) Chlorobenzene	11.41	112	424982	103.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154896	106.327	ug/l	99
67) Ethyl Benzene	11.48	91	822670	107.115	ug/l	100
68) m/p-Xylenes	11.60	106	600843	210.096	ug/l	99
69) o-Xylene	11.92	106	291396	105.593	ug/l	100
70) Styrene	11.94	104	506865	113.010	ug/l	100
71) Bromoform	12.10	173	123420	112.970	ug/l #	99
73) Isopropylbenzene	12.22	105	793609	104.260	ug/l	99
74) N-amyl acetate	12.04	43	416723	119.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	238476	114.220	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	215281m	93.931	ug/l	
77) Bromobenzene	12.50	156	180440	98.252	ug/l	99
78) n-propylbenzene	12.57	91	943800	105.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	547115	105.205	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	667705	104.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	91395	104.530	ug/l	98
82) 4-Chlorotoluene	12.75	91	584398	105.757	ug/l	99
83) tert-Butylbenzene	12.97	119	559115	104.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	668339	104.404	ug/l	99
85) sec-Butylbenzene	13.15	105	766567	105.071	ug/l	100
86) p-Isopropyltoluene	13.26	119	693504	104.853	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330493	100.777	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	333755	100.459	ug/l	100
89) n-Butylbenzene	13.59	91	640738	106.122	ug/l	100
90) Hexachloroethane	13.85	117	71040	133.089	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	314595	102.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53264	117.322	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	196868	97.128	ug/l	99
94) Hexachlorobutadiene	14.98	225	80338	91.499	ug/l	98
95) Naphthalene	15.10	128	659796	104.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193552	99.173	ug/l	100

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

