

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049264.D
 Acq On : 15 Jun 2018 15:44
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:12 PM

Quant Time: Jun 15 16:16:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1621245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2327575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2204258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1179756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	2029429	77.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.06%	
35) Dibromofluoromethane	7.59	113	1850596	96.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.12%	
50) Toluene-d8	10.09	98	7264435	96.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.86%	
62) 4-Bromofluorobenzene	12.40	95	2547922	102.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1660890	71.12	ug/l	100
3) Chloromethane	2.06	50	2098975	87.97	ug/l	98
4) Vinyl Chloride	2.18	62	2268094	92.70	ug/l	100
5) Bromomethane	2.55	94	1253176	84.95	ug/l	96
6) Chloroethane	2.70	64	1389510	84.10	ug/l	99
7) Trichlorofluoromethane	3.01	101	2865744	83.19	ug/l	99
8) Diethyl Ether	3.41	74	1060917	82.93	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1834043	82.24	ug/l	93
10) Methyl Iodide	3.95	142	2317645	106.88	ug/l	92
11) Tert butyl alcohol	4.80	59	595990	417.67	ug/l	98
12) 1,1-Dichloroethene	3.73	96	1695206	83.72	ug/l	91
13) Acrolein	3.61	56	682962	351.53	ug/l	100
14) Allyl chloride	4.32	41	2903333	76.35	ug/l	87
15) Acrylonitrile	4.99	53	3102598	403.97	ug/l	98
16) Acetone	3.82	43	2264378	362.00	ug/l	91
17) Carbon Disulfide	4.05	76	5186032	75.07	ug/l	100
18) Methyl Acetate	4.33	43	1436533	54.61	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	4792733	86.87	ug/l	99
20) Methylene Chloride	4.55	84	1958014	77.08	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	1833887	81.69	ug/l	93
22) Diisopropyl ether	5.96	45	5887800	77.57	ug/l	93
23) Vinyl Acetate	5.90	43	20083246	400.28	ug/l	96
24) 1,1-Dichloroethane	5.85	63	3465498	76.61	ug/l	99
25) 2-Butanone	6.84	43	3415406	381.32	ug/l	95
26) 2,2-Dichloropropane	6.82	77	2859684	84.31	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	2122977	86.84	ug/l	92
28) Bromochloromethane	7.19	49	1602579	74.65	ug/l	85
29) Tetrahydrofuran	7.21	42	2234596	387.80	ug/l	94
30) Chloroform	7.37	83	3455770	79.51	ug/l	100
31) Cyclohexane	7.65	56	3176377	70.29	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	3000915	80.16	ug/l	96
36) 1,1-Dichloropropene	7.79	75	2731325	93.92	ug/l	98
37) Ethyl Acetate	6.93	43	1534845	83.61	ug/l	96
38) Carbon Tetrachloride	7.77	117	2701136	92.20	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	3013768	100.32	ug/l	95
40) Benzene	8.04	78	8095590	91.88	ug/l	99
41) Methacrylonitrile	7.17	41	880734	84.80	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	2460544	84.62	ug/l	96
43) Isopropyl Acetate	8.17	43	2860051	84.73	ug/l	94
44) Trichloroethene	8.84	130	2139043	97.23	ug/l	94
45) 1,2-Dichloropropane	9.12	63	2112311	87.16	ug/l	100
46) Dibromomethane	9.21	93	1224958	91.49	ug/l	91
47) Bromodichloromethane	9.40	83	2720250	90.21	ug/l	97
48) Methyl methacrylate	9.20	41	1400268	84.90	ug/l	85
49) 1,4-Dioxane	9.20	88	377895	1940.24	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	7673503	426.88	ug/l	93
52) Toluene	10.16	92	5055338	98.62	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	2855314	99.59	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	3276850	98.63	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	1749164	92.98	ug/l	98
56) Ethyl methacrylate	10.43	69	2358659	104.00	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	3033078	94.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	3901224	530.92	ug/l	95
59) 2-Hexanone	10.75	43	5057779	451.55	ug/l	91
60) Dibromochloromethane	10.90	129	2082816	99.83	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1721000	98.91	ug/l	100
64) Tetrachloroethene	10.63	164	2064589	93.48	ug/l	97
65) Chlorobenzene	11.44	112	5495832	96.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	2035593	94.11	ug/l	99
67) Ethyl Benzene	11.51	91	9803819	99.94	ug/l	98
68) m/p-Xylenes	11.62	106	7458109	207.90	ug/l	96
69) o-Xylene	11.95	106	3608923	104.46	ug/l	96
70) Styrene	11.97	104	5987288	109.47	ug/l	97
71) Bromoform	12.13	173	1417785	104.88	ug/l #	99
73) Isopropylbenzene	12.25	105	9596946	84.69	ug/l	98
74) N-amyl acetate	12.07	43	2545314	78.85	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	2112012	73.03	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1882649m	81.79	ug/l	
77) Bromobenzene	12.53	156	2402502	86.39	ug/l	91
78) n-propylbenzene	12.59	91	11126718	88.39	ug/l	98
79) 2-Chlorotoluene	12.68	91	6579817	82.88	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7930444	91.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	627630	88.88	ug/l	87
82) 4-Chlorotoluene	12.78	91	6704558	89.03	ug/l	97
83) tert-Butylbenzene	12.99	119	6763306	90.36	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	8079015	93.55	ug/l	98
85) sec-Butylbenzene	13.17	105	9114360	91.34	ug/l	99
86) p-Isopropyltoluene	13.29	119	8045382	99.56	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	4343216	97.97	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	4216380	96.57	ug/l	99
89) n-Butylbenzene	13.62	91	6721630	107.74	ug/l	97
90) Hexachloroethane	13.88	117	1517594	79.67	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	4134128	94.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	330482	83.85	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2126099	132.90	ug/l	98
94) Hexachlorobutadiene	15.01	225	1279900	97.05	ug/l	99
95) Naphthalene	15.14	128	4328823	124.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2061055	119.68	ug/l	99

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

