

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049843.D
 Acq On : 17 Jul 2018 12:47
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 11:59:12 AM

Quant Time: Jul 17 13:09:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	928445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	509567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1082409	113.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.94%	
35) Dibromofluoromethane	7.59	113	963796	118.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.88%	
50) Toluene-d8	10.09	98	3631397	122.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	245.38%	
62) 4-Bromofluorobenzene	12.40	95	1298030	132.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	812676	111.49	ug/l	96
3) Chloromethane	2.06	50	1080957	115.82	ug/l	100
4) Vinyl Chloride	2.18	62	1196865	119.29	ug/l	100
5) Bromomethane	2.53	94	744136m	116.97	ug/l	
6) Chloroethane	2.68	64	743356	116.34	ug/l	100
7) Trichlorofluoromethane	3.00	101	1562813	115.31	ug/l	98
8) Diethyl Ether	3.41	74	614946	129.00	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	961522	118.68	ug/l	100
10) Methyl Iodide	3.95	142	1373814	138.20	ug/l	99
11) Tert butyl alcohol	4.81	59	547427	762.18	ug/l	99
12) 1,1-Dichloroethene	3.73	96	912871	125.69	ug/l	100
13) Acrolein	3.61	56	476302	882.67	ug/l	97
14) Allyl chloride	4.32	41	1564813	137.54	ug/l	99
15) Acrylonitrile	5.00	53	2193065	718.39	ug/l	99
16) Acetone	3.82	43	1703595	660.73	ug/l	100
17) Carbon Disulfide	4.05	76	2694743	121.28	ug/l	99
18) Methyl Acetate	4.33	43	1087350	109.83	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2901405	146.42	ug/l	99
20) Methylene Chloride	4.55	84	1050423	116.14	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1004038	131.66	ug/l	99
22) Diisopropyl ether	5.96	45	3264846	144.70	ug/l	95
23) Vinyl Acetate	5.90	43	12400415	752.02	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1862972	126.16	ug/l	100
25) 2-Butanone	6.84	43	2751461	733.99	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1436633	128.07	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1156940	136.00	ug/l	98
28) Bromochloromethane	7.20	49	782222	112.31	ug/l	98
29) Tetrahydrofuran	7.22	42	1773815	746.24	ug/l	99
30) Chloroform	7.37	83	1907756	124.99	ug/l	98
31) Cyclohexane	7.65	56	1645475	115.80	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1660852	128.63	ug/l	99
36) 1,1-Dichloropropene	7.80	75	1450379	138.13	ug/l	100
37) Ethyl Acetate	6.94	43	1140594	147.13	ug/l	99
38) Carbon Tetrachloride	7.78	117	1471198	132.09	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1612463	151.32	ug/l	100
40) Benzene	8.04	78	4363609	136.90	ug/l	100
41) Methacrylonitrile	7.18	41	579544	145.28	ug/l	93
42) 1,2-Dichloroethane	8.13	62	1412068	129.14	ug/l	100
43) Isopropyl Acetate	8.17	43	2002535	152.76	ug/l	96
44) Trichloroethene	8.84	130	1130314	134.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1144422	134.39	ug/l	99
46) Dibromomethane	9.21	93	730533	134.47	ug/l	99
47) Bromodichloromethane	9.41	83	1514568	137.68	ug/l	98
48) Methyl methacrylate	9.20	41	1031111	159.89	ug/l	98
49) 1,4-Dioxane	9.20	88	304454	3097.08	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	5967953	776.13	ug/l	99
52) Toluene	10.16	92	2747855	145.20	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1660808	158.20	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1789685	150.64	ug/l	100
55) 1,1,2-Trichloroethane	10.57	97	1061599	135.18	ug/l	99
56) Ethyl methacrylate	10.43	69	1577734	172.93	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1773513	140.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3921476	921.90	ug/l	100
59) 2-Hexanone	10.76	43	4280456	819.76	ug/l	99
60) Dibromochloromethane	10.90	129	1230644	141.77	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1091612	143.08	ug/l	98
64) Tetrachloroethene	10.63	164	1068384	132.70	ug/l	99
65) Chlorobenzene	11.44	112	3009942	134.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1141431	132.43	ug/l	99
67) Ethyl Benzene	11.52	91	5323014	150.52	ug/l	99
68) m/p-Xylenes	11.62	106	4038191	300.95	ug/l	99
69) o-Xylene	11.95	106	1964686	154.18	ug/l	97
70) Styrene	11.97	104	3291608	160.46	ug/l	100
71) Bromoform	12.13	173	940010	143.35	ug/l	100
73) Isopropylbenzene	12.25	105	5204075	139.37	ug/l	100
74) N-amyl acetate	12.07	43	1814563	148.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1453511	118.53	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1315561m	128.85	ug/l	
77) Bromobenzene	12.53	156	1358493	131.55	ug/l	96
78) n-propylbenzene	12.60	91	5975333	142.75	ug/l	99
79) 2-Chlorotoluene	12.68	91	3523615	135.19	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4192221	144.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	470783	155.47	ug/l	97
82) 4-Chlorotoluene	12.78	91	3615030	141.37	ug/l	100
83) tert-Butylbenzene	13.00	119	3651823	142.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4307604	145.33	ug/l	100
85) sec-Butylbenzene	13.17	105	4940516	143.92	ug/l	100
86) p-Isopropyltoluene	13.29	119	4358739	151.44	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	2406561	136.32	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	2344303	134.99	ug/l	99
89) n-Butylbenzene	13.62	91	3697214	157.72	ug/l	99
90) Hexachloroethane	13.88	117	830306	124.62	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	2299413	126.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	246641	120.23	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1349458	176.46	ug/l	99
94) Hexachlorobutadiene	15.01	225	701483	123.25	ug/l	100
95) Naphthalene	15.14	128	3537495	198.38	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1334375	162.54	ug/l	99

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

