

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049216.D
 Acq On : 13 Jun 2018 22:18
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:32 PM

Quant Time: Jun 14 04:44:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	953252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1487702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1436177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	735070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	2072097	135.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.02%	
35) Dibromofluoromethane	7.59	113	1717846	139.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.80%	
50) Toluene-d8	10.09	98	6897493	145.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.18%	
62) 4-Bromofluorobenzene	12.40	95	2494567	158.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1784711	127.32	ug/l	99
3) Chloromethane	2.06	50	1739836	121.15	ug/l	98
4) Vinyl Chloride	2.18	62	1851787	129.13	ug/l	100
5) Bromomethane	2.55	94	1054808	134.02	ug/l	96
6) Chloroethane	2.69	64	1180262	128.14	ug/l	100
7) Trichlorofluoromethane	3.01	101	2528323	128.94	ug/l	99
8) Diethyl Ether	3.41	74	1060292	154.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1752237	147.05	ug/l	98
10) Methyl Iodide	3.95	142	2170627	190.04	ug/l	94
11) Tert butyl alcohol	4.81	59	631086	733.83	ug/l	97
12) 1,1-Dichloroethene	3.73	96	1668338	152.21	ug/l	98
13) Acrolein	3.61	56	918169	1158.19	ug/l	99
14) Allyl chloride	4.32	41	3347628	159.88	ug/l	88
15) Acrylonitrile	4.99	53	3403679	735.77	ug/l	99
16) Acetone	3.82	43	2404111	669.78	ug/l	94
17) Carbon Disulfide	4.05	76	5518872	152.21	ug/l	100
18) Methyl Acetate	4.33	43	1604381	138.52	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	4826961	148.72	ug/l	99
20) Methylene Chloride	4.55	84	1920056	143.77	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1812356	145.07	ug/l	98
22) Diisopropyl ether	5.96	45	6713983	150.82	ug/l	94
23) Vinyl Acetate	5.90	43	23203063	764.87	ug/l	100
24) 1,1-Dichloroethane	5.85	63	3618594	142.63	ug/l	99
25) 2-Butanone	6.84	43	3873289	711.44	ug/l	99
26) 2,2-Dichloropropane	6.82	77	2715795	135.26	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	2058011	147.19	ug/l	98
28) Bromochloromethane	7.20	49	1772578	160.33	ug/l	99
29) Tetrahydrofuran	7.22	42	2603310	745.58	ug/l	98
30) Chloroform	7.37	83	3448684	139.83	ug/l	100
31) Cyclohexane	7.65	56	3427492	146.57	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	2978311	141.40	ug/l	98
36) 1,1-Dichloropropene	7.79	75	2767470	148.70	ug/l	99
37) Ethyl Acetate	6.93	43	1749693	146.58	ug/l	99
38) Carbon Tetrachloride	7.77	117	2623357	143.57	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	3009434	154.74	ug/l	99
40) Benzene	8.04	78	8141284	146.00	ug/l	98
41) Methacrylonitrile	7.18	41	1101464	167.68	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	2584503	142.40	ug/l	99
43) Isopropyl Acetate	8.17	43	3280307	144.06	ug/l	98
44) Trichloroethene	8.84	130	1983011	145.22	ug/l	100
45) 1,2-Dichloropropane	9.12	63	2223185	145.58	ug/l	99
46) Dibromomethane	9.21	93	1205815	141.74	ug/l	98
47) Bromodichloromethane	9.40	83	2755204	145.96	ug/l	98
48) Methyl methacrylate	9.20	41	1673533	154.00	ug/l	92
49) 1,4-Dioxane	9.20	88	366247	3001.84	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	9100062	756.54	ug/l	98
52) Toluene	10.16	92	4937555	147.70	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	2963017	157.42	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	3341948	152.88	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	1725651	144.84	ug/l	99
56) Ethyl methacrylate	10.43	69	2502278	161.70	ug/l #	93
57) 1,3-Dichloropropane	10.71	76	3077886	148.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	4329070	846.21	ug/l	99
59) 2-Hexanone	10.76	43	5891231	760.98	ug/l	97
60) Dibromochloromethane	10.90	129	2008611	151.04	ug/l	98
61) 1,2-Dibromoethane	11.01	107	1658084	148.72	ug/l	99
64) Tetrachloroethene	10.63	164	1844283	132.80	ug/l	99
65) Chlorobenzene	11.44	112	5299974	143.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1943312	140.88	ug/l	99
67) Ethyl Benzene	11.51	91	9796522	149.02	ug/l	100
68) m/p-Xylenes	11.62	106	7306138	298.99	ug/l	99
69) o-Xylene	11.95	106	3555246	151.38	ug/l	99
70) Styrene	11.97	104	5914471	156.69	ug/l	99
71) Bromoform	12.13	173	1321886	146.55	ug/l #	100
73) Isopropylbenzene	12.25	105	9496006	139.34	ug/l	100
74) N-amyl acetate	12.07	43	2979716	147.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	2080634	125.07	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1767741m	124.91	ug/l	
77) Bromobenzene	12.53	156	2219806	138.67	ug/l	99
78) n-propylbenzene	12.59	91	11324954	145.49	ug/l	99
79) 2-Chlorotoluene	12.68	91	6679124	141.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	7775289	142.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	624726	140.76	ug/l	91
82) 4-Chlorotoluene	12.78	91	6754197	145.13	ug/l	99
83) tert-Butylbenzene	13.00	119	6488267	141.44	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	7906546	143.78	ug/l	100
85) sec-Butylbenzene	13.17	105	9073591	145.20	ug/l	99
86) p-Isopropyltoluene	13.29	119	7708091	148.36	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3964904	143.85	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3856788	144.44	ug/l	100
89) n-Butylbenzene	13.62	91	6800408	161.84	ug/l	99
90) Hexachloroethane	13.88	117	1489856	134.04	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	3708003	140.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	327823	136.47	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1919570	183.09	ug/l	98
94) Hexachlorobutadiene	15.01	225	1030914	128.95	ug/l	99
95) Naphthalene	15.14	128	4308049	187.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1874079	175.48	ug/l	99

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

