

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049214.D
 Acq On : 13 Jun 2018 21:27
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:21 PM

Quant Time: Jun 14 04:41:10 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	651307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	938924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	548745	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.59	113	423943	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.09	98	1649169	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	551666	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	578021	60.35	ug/l	100
3) Chloromethane	2.06	50	544490	55.49	ug/l	100
4) Vinyl Chloride	2.18	62	596499	60.88	ug/l	100
5) Bromomethane	2.56	94	327033	60.81	ug/l	100
6) Chloroethane	2.70	64	387432	61.56	ug/l	100
7) Trichlorofluoromethane	3.01	101	839113	62.63	ug/l	100
8) Diethyl Ether	3.41	74	230248	49.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	405371	49.79	ug/l	100
10) Methyl Iodide	3.95	142	448942	57.53	ug/l	100
11) Tert butyl alcohol	4.80	59	134043	228.12	ug/l	100
12) 1,1-Dichloroethene	3.73	96	374087	49.95	ug/l	100
13) Acrolein	3.61	56	190404	351.52	ug/l	100
14) Allyl chloride	4.32	41	689676	48.21	ug/l	100
15) Acrylonitrile	4.99	53	725953	229.68	ug/l	100
16) Acetone	3.82	43	566010	230.79	ug/l	100
17) Carbon Disulfide	4.05	76	1203470	48.58	ug/l	100
18) Methyl Acetate	4.33	43	361124	45.63	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1120038	50.51	ug/l	100
20) Methylene Chloride	4.55	84	446886	48.98	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	413997	48.50	ug/l	100
22) Diisopropyl ether	5.96	45	1469323	48.31	ug/l	100
23) Vinyl Acetate	5.90	43	5130955	247.55	ug/l	100
24) 1,1-Dichloroethane	5.85	63	844046	48.69	ug/l	100
25) 2-Butanone	6.84	43	862700	231.92	ug/l	100
26) 2,2-Dichloropropane	6.83	77	680098	49.58	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	466307	48.81	ug/l	100
28) Bromochloromethane	7.19	49	426531	56.46	ug/l	100
29) Tetrahydrofuran	7.22	42	560081	234.77	ug/l	100
30) Chloroform	7.37	83	851780	50.55	ug/l	100
31) Cyclohexane	7.65	56	755725	47.30	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	754407	52.42	ug/l	100
36) 1,1-Dichloropropene	7.79	75	651452	52.05	ug/l	100
37) Ethyl Acetate	6.93	43	400505	49.89	ug/l	100
38) Carbon Tetrachloride	7.77	117	665943	54.20	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	662043	50.62	ug/l	100
40) Benzene	8.04	78	1877785	50.07	ug/l	100
41) Methacrylonitrile	7.19	41	239655m	54.25	ug/l	
42) 1,2-Dichloroethane	8.13	62	665427	54.52	ug/l	100
43) Isopropyl Acetate	8.17	43	743697	48.57	ug/l	100
44) Trichloroethene	8.84	130	461437	50.25	ug/l	100
45) 1,2-Dichloropropane	9.12	63	513226	49.97	ug/l	100
46) Dibromomethane	9.21	93	294124	51.41	ug/l	100
47) Bromodichloromethane	9.40	83	671927	52.93	ug/l	100
48) Methyl methacrylate	9.20	41	372651	50.99	ug/l	100
49) 1,4-Dioxane	9.20	88	80481	980.87	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2001738	247.46	ug/l	100
52) Toluene	10.16	92	1145321	50.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	649704	51.33	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	750114	51.03	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	403773	50.39	ug/l	100
56) Ethyl methacrylate	10.43	69	519898	49.96	ug/l	100
57) 1,3-Dichloropropane	10.71	76	695895	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	869901	252.85	ug/l	100
59) 2-Hexanone	10.75	43	1280772	246.00	ug/l	100
60) Dibromochloromethane	10.90	129	471524	52.72	ug/l	100
61) 1,2-Dibromoethane	11.01	107	376340	50.19	ug/l	100
64) Tetrachloroethene	10.63	164	470214	51.79	ug/l	100
65) Chlorobenzene	11.44	112	1208234	50.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	460395	51.05	ug/l	100
67) Ethyl Benzene	11.51	91	2219142	51.63	ug/l	100
68) m/p-Xylenes	11.62	106	1689229	105.74	ug/l	100
69) o-Xylene	11.95	106	802960	52.29	ug/l	100
70) Styrene	11.97	104	1316919	53.37	ug/l	100
71) Bromoform	12.13	173	300425	50.94	ug/l #	100
73) Isopropylbenzene	12.25	105	2188572	47.67	ug/l	100
74) N-amyl acetate	12.07	43	635563	46.60	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	487592	43.50	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	409455m	42.95	ug/l	
77) Bromobenzene	12.53	156	499922	46.36	ug/l	100
78) n-propylbenzene	12.59	91	2553531	48.69	ug/l	100
79) 2-Chlorotoluene	12.68	91	1504062	47.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1810957	49.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	129515	43.32	ug/l	100
82) 4-Chlorotoluene	12.78	91	1513309	48.26	ug/l	100
83) tert-Butylbenzene	13.00	119	1502533	48.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1842569	49.74	ug/l	100
85) sec-Butylbenzene	13.17	105	2047435	48.63	ug/l	100
86) p-Isopropyltoluene	13.29	119	1769508	50.55	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	917977	49.44	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	890624	49.51	ug/l	100
89) n-Butylbenzene	13.62	91	1459231	51.55	ug/l	100
90) Hexachloroethane	13.88	117	344290	45.98	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	893411	50.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77302	47.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	353378	50.03	ug/l	100
94) Hexachlorobutadiene	15.01	225	246922	45.84	ug/l	100
95) Naphthalene	15.14	128	724929	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	355386	49.39	ug/l	100

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

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