

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049772.D
 Acq On : 12 Jul 2018 12:32
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:10 PM

Quant Time: Jul 12 15:47:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:09:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1306300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1879651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1788135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	980557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1433078	83.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.14%	
35) Dibromofluoromethane	7.59	113	1358956	96.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.42%	
50) Toluene-d8	10.09	98	4750527	86.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.74%	
62) 4-Bromofluorobenzene	12.40	95	1824051	97.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1097984	74.58	ug/l	97
3) Chloromethane	2.06	50	1482388	80.62	ug/l	99
4) Vinyl Chloride	2.18	62	1618519	81.96	ug/l	98
5) Bromomethane	2.55	94	1004398	96.83	ug/l	100
6) Chloroethane	2.70	64	1044365	83.55	ug/l	98
7) Trichlorofluoromethane	3.01	101	2216544	98.26	ug/l	100
8) Diethyl Ether	3.41	74	821555	89.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1409306	86.84	ug/l	100
10) Methyl Iodide	3.95	142	2128906	104.82	ug/l	100
11) Tert butyl alcohol	4.80	59	501974	507.08	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1297413	84.56	ug/l	98
13) Acrolein	3.61	56	451618	488.41	ug/l	97
14) Allyl chloride	4.33	41	2192355	104.03	ug/l	99
15) Acrylonitrile	5.00	53	2525578	493.97	ug/l	99
16) Acetone	3.82	43	1858258	434.92	ug/l	99
17) Carbon Disulfide	4.05	76	3524016	75.77	ug/l	99
18) Methyl Acetate	4.33	43	1230249	47.33	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3856857	97.51	ug/l	99
20) Methylene Chloride	4.55	84	1524746	85.83	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	1408415	89.19	ug/l	100
22) Diisopropyl ether	5.96	45	4728866	99.18	ug/l	95
23) Vinyl Acetate	5.90	43	16290825	526.86	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2728442	90.83	ug/l	99
25) 2-Butanone	6.84	43	2945813	514.38	ug/l	99
26) 2,2-Dichloropropane	6.83	77	2327022	93.27	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1672289	94.81	ug/l	100
28) Bromochloromethane	7.20	49	1258084	98.68	ug/l	98
29) Tetrahydrofuran	7.22	42	1873202	513.19	ug/l	100
30) Chloroform	7.37	83	2793669	91.23	ug/l	99
31) Cyclohexane	7.65	56	2292710	77.51	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	2415702	93.18	ug/l	99
36) 1,1-Dichloropropene	7.80	75	2087584	98.72	ug/l	100
37) Ethyl Acetate	6.93	43	1283656	104.07	ug/l	99
38) Carbon Tetrachloride	7.78	117	2122989	103.20	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2303137	99.33	ug/l	99
40) Benzene	8.04	78	6272122	97.13	ug/l	100
41) Methacrylonitrile	7.18	41	718407	103.33	ug/l	94
42) 1,2-Dichloroethane	8.13	62	1994282	96.77	ug/l	100
43) Isopropyl Acetate	8.17	43	2337747	80.22	ug/l	96
44) Trichloroethene	8.84	130	1649922	84.73	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1675208	100.41	ug/l	100
46) Dibromomethane	9.21	93	991212	98.21	ug/l	99
47) Bromodichloromethane	9.41	83	2178116	101.38	ug/l	98
48) Methyl methacrylate	9.20	41	1189406	108.52	ug/l	99
49) 1,4-Dioxane	9.20	88	310389	2106.39	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	6550204	541.64	ug/l	99
52) Toluene	10.16	92	3967923	101.71	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	2322909	112.91	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2610181	108.56	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	1457887	100.37	ug/l	100
56) Ethyl methacrylate	10.43	69	1953400	114.73	ug/l	98
57) 1,3-Dichloropropane	10.71	76	2451838	104.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	4680113	590.47	ug/l	100
59) 2-Hexanone	10.75	43	4517257	564.89	ug/l	99
60) Dibromochloromethane	10.90	129	1707344	108.75	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1440030	103.47	ug/l	99
64) Tetrachloroethene	10.63	164	1464081	60.47	ug/l	100
65) Chlorobenzene	11.44	112	4443830	95.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1677789	100.10	ug/l	100
67) Ethyl Benzene	11.51	91	7756493	100.59	ug/l	100
68) m/p-Xylenes	11.62	106	5905945	199.86	ug/l	99
69) o-Xylene	11.95	106	2863658	101.22	ug/l	98
70) Styrene	11.97	104	4804588	104.96	ug/l	100
71) Bromoform	12.13	173	1218304	109.39	ug/l	100
73) Isopropylbenzene	12.25	105	7697333	98.55	ug/l	100
74) N-amyl acetate	12.07	43	2171306	101.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1840187	99.77	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1566930m	99.64	ug/l	
77) Bromobenzene	12.53	156	1987747	93.59	ug/l	99
78) n-propylbenzene	12.59	91	8914345	99.58	ug/l	99
79) 2-Chlorotoluene	12.68	91	5258636	92.82	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	6341186	97.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	570352	123.18	ug/l	98
82) 4-Chlorotoluene	12.77	91	5325360	93.49	ug/l	99
83) tert-Butylbenzene	12.99	119	5568981	99.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	6533072	97.96	ug/l	100
85) sec-Butylbenzene	13.17	105	7460657	100.99	ug/l	100
86) p-Isopropyltoluene	13.29	119	6559130	102.51	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3568294	91.00	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3485341	89.04	ug/l	99
89) n-Butylbenzene	13.62	91	5650673	103.15	ug/l	99
90) Hexachloroethane	13.88	117	1216500	181.00	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3413742	89.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	279907	86.97	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	2001496	114.05	ug/l	99
94) Hexachlorobutadiene	15.01	225	1092229	89.73	ug/l	99
95) Naphthalene	15.14	128	4397691	116.79	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1928026	106.78	ug/l	99

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

