

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051268.D
 Acq On : 17 Sep 2018 12:00
 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
 9/19/2018 4:57:50 PM

Quant Time: Sep 18 05:42:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	563336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	760295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	378200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	612416	98.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.36%	
35) Dibromofluoromethane	7.59	113	613175	106.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.02%	
50) Toluene-d8	10.09	98	2340576	107.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.88%	
62) 4-Bromofluorobenzene	12.40	95	791905	110.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	542724	98.18	ug/l	99
3) Chloromethane	2.06	50	705118	90.62	ug/l	98
4) Vinyl Chloride	2.18	62	712569	94.96	ug/l	99
5) Bromomethane	2.55	94	433172	86.23	ug/l	98
6) Chloroethane	2.70	64	423392	91.64	ug/l	97
7) Trichlorofluoromethane	3.01	101	982225	98.23	ug/l	99
8) Diethyl Ether	3.41	74	337198	93.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	603145	94.08	ug/l	99
10) Methyl Iodide	3.95	142	643339	115.50	ug/l	100
11) Tert butyl alcohol	4.79	59	172491	370.99	ug/l	99
12) 1,1-Dichloroethene	3.73	96	572360	95.18	ug/l	99
13) Acrolein	3.61	56	251292	461.11	ug/l	99
14) Allyl chloride	4.32	41	864731	94.79	ug/l	100
15) Acrylonitrile	4.99	53	921897	439.34	ug/l	99
16) Acetone	3.82	43	656024	379.23	ug/l	99
17) Carbon Disulfide	4.05	76	1747157	87.97	ug/l	100
18) Methyl Acetate	4.32	43	410786	82.43	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1451915	92.40	ug/l	99
20) Methylene Chloride	4.55	84	635426	91.49	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	610513	93.41	ug/l	98
22) Diisopropyl ether	5.95	45	1705504	94.32	ug/l	98
23) Vinyl Acetate	5.90	43	5722692	469.85	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1067615	92.46	ug/l	99
25) 2-Butanone	6.84	43	965491	400.22	ug/l	99
26) 2,2-Dichloropropane	6.83	77	882213	93.38	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	672784	94.21	ug/l	99
28) Bromochloromethane	7.19	49	468314	92.55	ug/l	99
29) Tetrahydrofuran	7.21	42	631349	418.53	ug/l	99
30) Chloroform	7.37	83	1087660	94.72	ug/l	100
31) Cyclohexane	7.65	56	985759	84.66	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	942883	95.92	ug/l	99
36) 1,1-Dichloropropene	7.79	75	860144	102.14	ug/l	100
37) Ethyl Acetate	6.93	43	434409	90.91	ug/l	99
38) Carbon Tetrachloride	7.78	117	870981	104.13	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	998937	107.72	ug/l	97
40) Benzene	8.04	78	2548794	100.62	ug/l	99
41) Methacrylonitrile	7.17	41	214169	85.01	ug/l	88
42) 1,2-Dichloroethane	8.13	62	733561	99.28	ug/l	99
43) Isopropyl Acetate	8.17	43	785135	93.21	ug/l #	87
44) Trichloroethene	8.84	130	698024	100.45	ug/l	97
45) 1,2-Dichloropropane	9.12	63	652886	99.92	ug/l	98
46) Dibromomethane	9.21	93	382538	95.81	ug/l	99
47) Bromodichloromethane	9.40	83	834639	102.35	ug/l	99
48) Methyl methacrylate	9.20	41	396332	96.38	ug/l	100
49) 1,4-Dioxane	9.20	88	113893	1776.75	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2081409	447.42	ug/l	100
52) Toluene	10.16	92	1610394	104.32	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	856510	105.81	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	997106	104.74	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	545957	97.73	ug/l	98
56) Ethyl methacrylate	10.43	69	682627	103.25	ug/l	98
57) 1,3-Dichloropropane	10.71	76	918790	99.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1585221	577.37	ug/l	99
59) 2-Hexanone	10.75	43	1372283	437.00	ug/l	98
60) Dibromochloromethane	10.90	129	665668	104.73	ug/l	99
61) 1,2-Dibromoethane	11.01	107	553129	101.03	ug/l	99
64) Tetrachloroethene	10.63	164	645539	97.92	ug/l	98
65) Chlorobenzene	11.43	112	1795403	99.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	661646	101.17	ug/l	100
67) Ethyl Benzene	11.51	91	3045986	104.29	ug/l	100
68) m/p-Xylenes	11.62	106	2393815	212.98	ug/l	100
69) o-Xylene	11.95	106	1154875	106.07	ug/l	100
70) Styrene	11.96	104	1863287	110.50	ug/l	100
71) Bromoform	12.13	173	468424	102.36	ug/l #	99
73) Isopropylbenzene	12.25	105	3033298	95.28	ug/l	100
74) N-amyl acetate	12.07	43	650495	83.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	645964	76.76	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	472164m	69.81	ug/l	
77) Bromobenzene	12.53	156	792665	92.46	ug/l	99
78) n-propylbenzene	12.59	91	3408103	97.38	ug/l	100
79) 2-Chlorotoluene	12.67	91	2016234	92.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2515435	97.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	174362	88.80	ug/l	99
82) 4-Chlorotoluene	12.77	91	2029974	93.67	ug/l	100
83) tert-Butylbenzene	12.99	119	2180733	95.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2525481	99.71	ug/l	100
85) sec-Butylbenzene	13.17	105	2839888	97.32	ug/l	100
86) p-Isopropyltoluene	13.29	119	2557111	103.46	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1370532	94.49	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1333031	93.33	ug/l	100
89) n-Butylbenzene	13.61	91	2003015	104.76	ug/l	99
90) Hexachloroethane	13.87	117	460459	90.59	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1290635	91.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	90868	74.64	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	653531	109.51	ug/l	98
94) Hexachlorobutadiene	15.01	225	425687	85.17	ug/l	99
95) Naphthalene	15.13	128	1213356	97.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	604923	97.44	ug/l	99

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

