

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052308.D
 Acq On : 14 Nov 2018 12:17
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 2:58:23 PM

Quant Time: Nov 15 02:55:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 02:30:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	484445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	418044	102.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.68%	
35) Dibromofluoromethane	7.59	113	326687	104.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.10%	
50) Toluene-d8	10.09	98	1281101	104.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.44%	
62) 4-Bromofluorobenzene	12.40	95	438675	108.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	320711	104.641	ug/l	100
3) Chloromethane	2.06	50	429788	100.907	ug/l	100
4) Vinyl Chloride	2.19	62	368047	99.965	ug/l	99
5) Bromomethane	2.56	94	216336	94.253	ug/l	97
6) Chloroethane	2.71	64	201965	97.020	ug/l	100
7) Trichlorofluoromethane	3.02	101	504378	99.000	ug/l	97
8) Diethyl Ether	3.41	74	192174	98.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	312666	97.179	ug/l	99
10) Methyl Iodide	3.96	142	451702	104.562	ug/l	99
11) Tert butyl alcohol	4.78	59	112223	518.184	ug/l	100
12) 1,1-Dichloroethene	3.74	96	291915	98.044	ug/l	95
13) Acrolein	3.61	56	171487	575.615	ug/l	99
14) Allyl chloride	4.33	41	626927	102.547	ug/l	100
15) Acrylonitrile	4.99	53	621950	497.752	ug/l	100
16) Acetone	3.82	43	533579	466.498	ug/l	96
17) Carbon Disulfide	4.06	76	892019	104.481	ug/l	98
18) Methyl Acetate	4.32	43	310844	95.230	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	880344	102.889	ug/l	98
20) Methylene Chloride	4.55	84	341309	91.156	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	313681	101.708	ug/l	99
22) Diisopropyl ether	5.95	45	1263083	100.187	ug/l	97
23) Vinyl Acetate	5.90	43	4542216	536.789	ug/l	100
24) 1,1-Dichloroethane	5.85	63	649741	97.140	ug/l	100
25) 2-Butanone	6.83	43	799184	504.802	ug/l	99
26) 2,2-Dichloropropane	6.83	77	503995	102.472	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	360477	96.598	ug/l	97
28) Bromochloromethane	7.20	49	337176	98.039	ug/l	98
29) Tetrahydrofuran	7.21	42	530837	506.436	ug/l	100
30) Chloroform	7.37	83	625254	98.088	ug/l	95
31) Cyclohexane	7.65	56	618273	79.731	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	538708	99.206	ug/l	99
36) 1,1-Dichloropropene	7.79	75	494443	101.830	ug/l	99
37) Ethyl Acetate	6.93	43	366366	98.752	ug/l	99
38) Carbon Tetrachloride	7.78	117	471864	105.776	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	572653	103.311	ug/l	100
40) Benzene	8.04	78	1387461	100.023	ug/l	98
41) Methacrylonitrile	7.17	41	191645	95.994	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	494208	99.912	ug/l	100
43) Isopropyl Acetate	8.17	43	682108	100.311	ug/l #	87
44) Trichloroethene	8.84	130	349315	102.232	ug/l	99
45) 1,2-Dichloropropane	9.12	63	390333	99.154	ug/l	98
46) Dibromomethane	9.21	93	227994	100.045	ug/l	98
47) Bromodichloromethane	9.40	83	488448	104.446	ug/l	99
48) Methyl methacrylate	9.20	41	344463	99.832	ug/l	98
49) 1,4-Dioxane	9.20	88	57340	2164.818	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1811532	529.239	ug/l	100
52) Toluene	10.16	92	853461	102.851	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	520151	110.283	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	581865	108.220	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	307444	102.203	ug/l	96
56) Ethyl methacrylate	10.43	69	436246	110.271	ug/l	99
57) 1,3-Dichloropropane	10.71	76	547439	102.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1213265	538.675	ug/l	100
59) 2-Hexanone	10.75	43	1259125	534.802	ug/l	100
60) Dibromochloromethane	10.90	129	351030	107.855	ug/l	100
61) 1,2-Dibromoethane	11.00	107	311239	103.869	ug/l	100
64) Tetrachloroethene	10.63	164	306967	97.155	ug/l	99
65) Chlorobenzene	11.43	112	932535	99.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	330578	103.196	ug/l	99
67) Ethyl Benzene	11.51	91	1682526	103.195	ug/l	100
68) m/p-Xylenes	11.62	106	1234861	207.288	ug/l	98
69) o-Xylene	11.95	106	606121	106.142	ug/l	100
70) Styrene	11.96	104	982503	107.452	ug/l	99
71) Bromoform	12.13	173	212897	112.562	ug/l #	98
73) Isopropylbenzene	12.25	105	1651151	99.592	ug/l	98
74) N-amyl acetate	12.07	43	634818	107.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	380317	94.895	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	316733m	97.695	ug/l	
77) Bromobenzene	12.53	156	376484	97.597	ug/l	100
78) n-propylbenzene	12.59	91	1952854	100.717	ug/l	100
79) 2-Chlorotoluene	12.67	91	1107666	97.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1332190	101.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	120508	111.706	ug/l	97
82) 4-Chlorotoluene	12.77	91	1147052	98.842	ug/l	98
83) tert-Butylbenzene	12.99	119	1143338	98.227	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1351837	102.138	ug/l	99
85) sec-Butylbenzene	13.17	105	1607170	101.362	ug/l	100
86) p-Isopropyltoluene	13.29	119	1367550	101.819	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	675062	98.534	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	674324	99.002	ug/l	99
89) n-Butylbenzene	13.61	91	1257584	109.017	ug/l	99
90) Hexachloroethane	13.87	117	251720	105.812	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	644911	97.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61084	103.360	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	314837	115.273	ug/l	99
94) Hexachlorobutadiene	15.01	225	147421	97.037	ug/l	98
95) Naphthalene	15.13	128	741341	120.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	277601	110.066	ug/l	99

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

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