

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052148.D
 Acq On : 5 Nov 2018 14:56
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 10:00:03 AM

Quant Time: Nov 05 22:34:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	456339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	737097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	676944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	318787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	760007	140.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.92%	
35) Dibromofluoromethane	7.59	113	706636	154.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.82%	
50) Toluene-d8	10.09	98	2700406	152.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.24%	
62) 4-Bromofluorobenzene	12.40	95	917546	157.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	600131	150.813	ug/l	97
3) Chloromethane	2.06	50	765258	142.481	ug/l	99
4) Vinyl Chloride	2.19	62	735690	143.014	ug/l	100
5) Bromomethane	2.56	94	518909	134.930	ug/l	97
6) Chloroethane	2.71	64	458963	139.537	ug/l	99
7) Trichlorofluoromethane	3.02	101	1078626	144.347	ug/l	99
8) Diethyl Ether	3.41	74	380330	145.686	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	645837	144.635	ug/l	97
10) Methyl Iodide	3.96	142	1020609	161.888	ug/l	99
11) Tert butyl alcohol	4.78	59	165793	704.130	ug/l	96
12) 1,1-Dichloroethene	3.74	96	614936	146.276	ug/l	100
13) Acrolein	3.61	56	201832	953.449	ug/l	99
14) Allyl chloride	4.33	41	1088220	155.097	ug/l	99
15) Acrylonitrile	4.99	53	1126937	727.533	ug/l	99
16) Acetone	3.81	43	809211	660.055	ug/l	100
17) Carbon Disulfide	4.06	76	1858738	154.940	ug/l	99
18) Methyl Acetate	4.32	43	522190m	137.631	ug/l	
19) Methyl tert-butyl Ether	5.05	73	1699364	146.743	ug/l	98
20) Methylene Chloride	4.55	84	707038	138.798	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	690518	157.947	ug/l	98
22) Diisopropyl ether	5.95	45	2236836	144.610	ug/l	97
23) Vinyl Acetate	5.90	43	7973526	783.720	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1260953	144.107	ug/l	99
25) 2-Butanone	6.83	43	1281483	674.096	ug/l	98
26) 2,2-Dichloropropane	6.83	77	1016752	148.564	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	776475	146.408	ug/l	98
28) Bromochloromethane	7.20	49	600734	145.018	ug/l	95
29) Tetrahydrofuran	7.21	42	862058	732.903	ug/l	99
30) Chloroform	7.37	83	1275045	146.321	ug/l	99
31) Cyclohexane	7.66	56	1163754	117.799	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1139450	147.416	ug/l	100
36) 1,1-Dichloropropene	7.79	75	995971	152.742	ug/l	99
37) Ethyl Acetate	6.93	43	602219	146.674	ug/l	96
38) Carbon Tetrachloride	7.78	117	1038156	159.361	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1205699	156.128	ug/l	99
40) Benzene	8.04	78	2896975	151.131	ug/l	100
41) Methacrylonitrile	7.18	41	347093m	164.462	ug/l	
42) 1,2-Dichloroethane	8.13	62	916160	148.677	ug/l	99
43) Isopropyl Acetate	8.16	43	1134214	152.448	ug/l	99
44) Trichloroethene	8.84	130	791936	156.047	ug/l	99
45) 1,2-Dichloropropane	9.12	63	769153	151.514	ug/l	98
46) Dibromomethane	9.21	93	471261	145.971	ug/l	95
47) Bromodichloromethane	9.40	83	1000882	158.963	ug/l	97
48) Methyl methacrylate	9.20	41	564776	157.722	ug/l	98
49) 1,4-Dioxane	9.20	88	91099	3152.086	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	2965420	754.446	ug/l	100
52) Toluene	10.16	92	1844400	159.563	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1058748	171.410	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	1196104	165.486	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	640387	157.135	ug/l	98
56) Ethyl methacrylate	10.43	69	856928	161.316	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1095489	152.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2332902	816.038	ug/l	99
59) 2-Hexanone	10.75	43	2022661	739.230	ug/l	100
60) Dibromochloromethane	10.90	129	794416	171.411	ug/l	99
61) 1,2-Dibromoethane	11.00	107	673331	162.761	ug/l	100
64) Tetrachloroethene	10.63	164	705138	160.783	ug/l	98
65) Chlorobenzene	11.43	112	2092660	151.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	755762	163.101	ug/l	98
67) Ethyl Benzene	11.51	91	3583378	156.362	ug/l	100
68) m/p-Xylenes	11.62	106	2768702	313.105	ug/l	100
69) o-Xylene	11.95	106	1349061	157.313	ug/l	98
70) Styrene	11.96	104	2170434	159.877	ug/l	99
71) Bromoform	12.13	173	489281	182.338	ug/l #	99
73) Isopropylbenzene	12.25	105	3553303	147.419	ug/l	99
74) N-amyl acetate	12.07	43	1048165	137.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	733467	139.020	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	709115m	166.633	ug/l	
77) Bromobenzene	12.53	156	862168	150.001	ug/l	99
78) n-propylbenzene	12.59	91	4081791	148.178	ug/l	100
79) 2-Chlorotoluene	12.67	91	2302133	142.515	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2843344	145.734	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	240983	171.996	ug/l	94
82) 4-Chlorotoluene	12.77	91	2392827	147.380	ug/l	99
83) tert-Butylbenzene	12.99	119	2502430	145.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2869047	147.726	ug/l	100
85) sec-Butylbenzene	13.17	105	3453244	148.239	ug/l	100
86) p-Isopropyltoluene	13.29	119	2985814	152.281	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1525072	150.146	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1533053	151.004	ug/l	99
89) n-Butylbenzene	13.61	91	2616386	154.106	ug/l	99
90) Hexachloroethane	13.87	117	538108	162.843	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1417295	148.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	107221	153.952	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	711183	160.524	ug/l	98
94) Hexachlorobutadiene	15.01	225	333350	129.426	ug/l	100
95) Naphthalene	15.13	128	1547977	158.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	605433	154.217	ug/l	97

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

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