

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052151.D
 Acq On : 5 Nov 2018 16:27
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 05:47:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	441890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	723925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	655100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	303741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	187705	35.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.64%	
35) Dibromofluoromethane	7.59	113	172525	38.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.76%	
50) Toluene-d8	10.09	98	670555	38.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.40	95	226943	39.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	186985	48.526	ug/l	98
3) Chloromethane	2.06	50	238699	45.896	ug/l	100
4) Vinyl Chloride	2.19	62	234323	47.041	ug/l	99
5) Bromomethane	2.57	94	165056	44.322	ug/l	96
6) Chloroethane	2.71	64	149485	46.934	ug/l	100
7) Trichlorofluoromethane	3.02	101	339630	46.937	ug/l	100
8) Diethyl Ether	3.41	74	118528	46.887	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	210348	48.648	ug/l	99
10) Methyl Iodide	3.96	142	285552	46.775	ug/l	99
11) Tert butyl alcohol	4.77	59	52155	228.964	ug/l	98
12) 1,1-Dichloroethene	3.74	96	191811	47.118	ug/l	99
13) Acrolein	3.61	56	49933	222.047	ug/l	97
14) Allyl chloride	4.33	41	322366	47.447	ug/l	96
15) Acrylonitrile	4.98	53	338955	227.298	ug/l	99
16) Acetone	3.81	43	268264	225.972	ug/l	96
17) Carbon Disulfide	4.06	76	557839	48.021	ug/l	99
18) Methyl Acetate	4.32	43	155296	41.165	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	527017	47.041	ug/l	96
20) Methylene Chloride	4.55	84	224058	45.423	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	209134	46.338	ug/l	95
22) Diisopropyl ether	5.95	45	712602	47.811	ug/l	99
23) Vinyl Acetate	5.90	43	2417410	245.377	ug/l	99
24) 1,1-Dichloroethane	5.85	63	398344	47.042	ug/l	99
25) 2-Butanone	6.83	43	412593	224.132	ug/l	97
26) 2,2-Dichloropropane	6.83	77	324611	48.982	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	249308	48.545	ug/l	98
28) Bromochloromethane	7.20	49	127593	31.847	ug/l	97
29) Tetrahydrofuran	7.21	42	256889	225.543	ug/l	98
30) Chloroform	7.37	83	404960	47.993	ug/l	94
31) Cyclohexane	7.65	56	385072	49.253	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	353962	47.618	ug/l	99
36) 1,1-Dichloropropene	7.80	75	314600	49.125	ug/l	99
37) Ethyl Acetate	6.93	43	186338	47.231	ug/l #	95
38) Carbon Tetrachloride	7.78	117	315056	49.207	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	387593	51.103	ug/l	96
40) Benzene	8.04	78	917930	48.759	ug/l	97
41) Methacrylonitrile	7.17	41	98528	44.692	ug/l	97
42) 1,2-Dichloroethane	8.12	62	290947	48.075	ug/l	100
43) Isopropyl Acetate	8.16	43	339048	46.400	ug/l #	89
44) Trichloroethene	8.84	130	249212	50.000	ug/l	97
45) 1,2-Dichloropropane	9.12	63	243871	48.914	ug/l	98
46) Dibromomethane	9.21	93	147919	46.651	ug/l	98
47) Bromodichloromethane	9.40	83	304271	49.205	ug/l	100
48) Methyl methacrylate	9.20	41	168535	47.922	ug/l	99
49) 1,4-Dioxane	9.20	88	30801	1032.202	ug/l	91
51) 4-Methyl-2-Pentanone	9.98	43	924148	239.395	ug/l	100
52) Toluene	10.16	92	580702	51.152	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	307994	50.771	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	364654	51.369	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	203238	50.777	ug/l	96
56) Ethyl methacrylate	10.43	69	255535	48.980	ug/l	99
57) 1,3-Dichloropropane	10.71	76	341128	48.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	356306	126.902	ug/l	99
59) 2-Hexanone	10.75	43	659236	245.317	ug/l	99
60) Dibromochloromethane	10.90	129	226501	49.761	ug/l	97
61) 1,2-Dibromoethane	11.00	107	204731	50.389	ug/l	99
64) Tetrachloroethene	10.63	164	218441	51.469	ug/l	99
65) Chlorobenzene	11.43	112	653337	48.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	229864	51.261	ug/l	99
67) Ethyl Benzene	11.51	91	1114160	50.238	ug/l	98
68) m/p-Xylenes	11.62	106	872605	101.971	ug/l	99
69) o-Xylene	11.95	106	417323	50.286	ug/l	99
70) Styrene	11.96	104	670516	51.038	ug/l	99
71) Bromoform	12.13	173	137559	46.229	ug/l #	98
73) Isopropylbenzene	12.25	105	1116636	48.622	ug/l	98
74) N-amyl acetate	12.07	43	320579	47.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	222197	44.201	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	199600m	41.757	ug/l	
77) Bromobenzene	12.53	156	267608	48.865	ug/l	98
78) n-propylbenzene	12.59	91	1281931	48.842	ug/l	100
79) 2-Chlorotoluene	12.67	91	725767	47.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	901044	48.470	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65916	49.376	ug/l	95
82) 4-Chlorotoluene	12.77	91	746996	48.288	ug/l	99
83) tert-Butylbenzene	12.99	119	793352	48.332	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	904916	48.902	ug/l	100
85) sec-Butylbenzene	13.17	105	1097480	49.446	ug/l	99
86) p-Isopropyltoluene	13.29	119	942714	50.462	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	475862	49.170	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	465032	48.073	ug/l	98
89) n-Butylbenzene	13.61	91	811802	50.184	ug/l	99
90) Hexachloroethane	13.87	117	159587	50.687	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	446316	49.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30755	46.347	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	205011	47.957	ug/l	98
94) Hexachlorobutadiene	15.01	225	109177	51.160	ug/l	98
95) Naphthalene	15.13	128	443840	47.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	180504	48.970	ug/l	98

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

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