

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052115.D
 Acq On : 2 Nov 2018 8:48
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:52:34 AM

Quant Time: Nov 02 22:23:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	335013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	579329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	215623	40.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.22%	
35) Dibromofluoromethane	7.59	113	184202	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	714695	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	254368	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200837	49.320	ug/l	99
3) Chloromethane	2.06	50	223569	43.562	ug/l	98
4) Vinyl Chloride	2.19	62	234451	42.443	ug/l	96
5) Bromomethane	2.57	94	155591	37.549	ug/l	89
6) Chloroethane	2.71	64	147068	41.236	ug/l	95
7) Trichlorofluoromethane	3.02	101	310119	49.160	ug/l	100
8) Diethyl Ether	3.41	74	104465	44.392	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	182329	48.992	ug/l	96
10) Methyl Iodide	3.96	142	241191	49.453	ug/l	97
11) Tert butyl alcohol	4.79	59	55758	207.118	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	165984	47.228	ug/l	92
13) Acrolein	3.61	56	40025	157.644	ug/l	96
14) Allyl chloride	4.33	41	282703	40.194	ug/l	92
15) Acrylonitrile	4.99	53	336226	218.468	ug/l	99
16) Acetone	3.82	43	270618	235.828	ug/l	99
17) Carbon Disulfide	4.06	76	499899	45.140	ug/l	98
18) Methyl Acetate	4.33	43	162323	44.435	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	500587	43.364	ug/l	99
20) Methylene Chloride	4.55	84	201245	46.025	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	189635	47.321	ug/l	97
22) Diisopropyl ether	5.95	45	653235	42.969	ug/l	98
23) Vinyl Acetate	5.90	43	2329021	221.110	ug/l	98
24) 1,1-Dichloroethane	5.85	63	366483	43.112	ug/l	98
25) 2-Butanone	6.83	43	412453	229.160	ug/l	99
26) 2,2-Dichloropropane	6.83	77	298996	44.288	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	219530	45.871	ug/l	96
28) Bromochloromethane	7.20	49	166397	39.498	ug/l	88
29) Tetrahydrofuran	7.21	42	268169	223.644	ug/l	99
30) Chloroform	7.37	83	372014	43.842	ug/l	97
31) Cyclohexane	7.65	56	348725	43.905	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	324299	47.523	ug/l	97
36) 1,1-Dichloropropene	7.79	75	280876	47.681	ug/l	96
37) Ethyl Acetate	6.93	43	182656	46.326	ug/l	97
38) Carbon Tetrachloride	7.78	117	289586	57.014	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	350594	50.153	ug/l	96
40) Benzene	8.04	78	847577	49.744	ug/l	99
41) Methacrylonitrile	7.18	41	101842	50.054	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	276234	43.932	ug/l	97
43) Isopropyl Acetate	8.17	43	334005	47.629	ug/l	100
44) Trichloroethene	8.84	130	210739	55.305	ug/l	91
45) 1,2-Dichloropropane	9.12	63	220445	45.418	ug/l	100
46) Dibromomethane	9.21	93	139470	51.414	ug/l	92
47) Bromodichloromethane	9.40	83	285173	50.404	ug/l	92
48) Methyl methacrylate	9.20	41	166423	46.808	ug/l	98
49) 1,4-Dioxane	9.20	88	29628	993.967	ug/l	88
51) 4-Methyl-2-Pentanone	9.99	43	930378	244.091	ug/l	100
52) Toluene	10.16	92	521890	50.741	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	293117	49.003	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	336574	50.666	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	186747	50.977	ug/l	97
56) Ethyl methacrylate	10.43	69	255196	48.700	ug/l	97
57) 1,3-Dichloropropane	10.71	76	323305	47.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	677420	243.034	ug/l	96
59) 2-Hexanone	10.75	43	669965	246.653	ug/l	99
60) Dibromochloromethane	10.90	129	210238	58.295	ug/l	99
61) 1,2-Dibromoethane	11.01	107	192149	52.763	ug/l	99
64) Tetrachloroethene	10.63	164	179733	55.282	ug/l	98
65) Chlorobenzene	11.43	112	583811	51.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	202653	57.097	ug/l	99
67) Ethyl Benzene	11.51	91	1018482	50.526	ug/l	97
68) m/p-Xylenes	11.62	106	782652	108.476	ug/l	95
69) o-Xylene	11.95	106	376576	52.746	ug/l	97
70) Styrene	11.96	104	625715	54.166	ug/l	97
71) Bromoform	12.13	173	121001	52.918	ug/l #	99
73) Isopropylbenzene	12.25	105	1014587	48.739	ug/l	97
74) N-amyl acetate	12.07	43	312491	43.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	226705	45.417	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	208970m	46.896	ug/l	
77) Bromobenzene	12.53	156	228604	52.487	ug/l	83
78) n-propylbenzene	12.59	91	1188800	47.130	ug/l	97
79) 2-Chlorotoluene	12.67	91	679575	46.216	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	820405	48.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	63570	47.351	ug/l	99
82) 4-Chlorotoluene	12.77	91	703554	46.921	ug/l	94
83) tert-Butylbenzene	12.99	119	701046	49.266	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	825788	48.976	ug/l	98
85) sec-Butylbenzene	13.17	105	986253	48.518	ug/l	97
86) p-Isopropyltoluene	13.29	119	841232	50.814	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	413620	52.074	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	410968	51.623	ug/l	97
89) n-Butylbenzene	13.62	91	727173	46.058	ug/l	96
90) Hexachloroethane	13.87	117	143372	50.534	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	398444	53.355	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32212	44.867	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	161070	57.922	ug/l	97
94) Hexachlorobutadiene	15.01	225	79907	51.341	ug/l	97
95) Naphthalene	15.13	128	390077	55.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	138215	57.597	ug/l	99

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

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