

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052765.D
 Acq On : 10 Dec 2018 20:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:46:06 PM

Quant Time: Dec 11 03:07:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	969029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1500094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1341055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	650052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	530890	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.59	113	395433	42.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.52%	
50) Toluene-d8	10.09	98	1834356	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	651403	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	372369	41.040	ug/l	98
3) Chloromethane	2.06	50	481939	40.239	ug/l	99
4) Vinyl Chloride	2.19	62	514562	41.823	ug/l	100
5) Bromomethane	2.57	94	280552	36.547	ug/l	99
6) Chloroethane	2.71	64	321608	43.155	ug/l	99
7) Trichlorofluoromethane	3.02	101	689786	45.643	ug/l	100
8) Diethyl Ether	3.41	74	275039	49.282	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	445820	47.276	ug/l	98
10) Methyl Iodide	3.96	142	564395	44.936	ug/l	99
11) Tert butyl alcohol	4.77	59	159146	301.293	ug/l	100
12) 1,1-Dichloroethene	3.74	96	418825	46.140	ug/l	99
13) Acrolein	3.61	56	98055	106.810	ug/l	100
14) Allyl chloride	4.33	41	720392	46.047	ug/l	99
15) Acrylonitrile	4.99	53	867159	259.346	ug/l	99
16) Acetone	3.82	43	592091	212.759	ug/l	99
17) Carbon Disulfide	4.06	76	1073221	37.570	ug/l	100
18) Methyl Acetate	4.32	43	445195	55.770	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1270608	52.610	ug/l	99
20) Methylene Chloride	4.55	84	496640	45.604	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	444679	45.868	ug/l	94
22) Diisopropyl ether	5.95	45	1587430	48.306	ug/l	98
23) Vinyl Acetate	5.90	43	4657640	227.554	ug/l	99
24) 1,1-Dichloroethane	5.85	63	894728	47.685	ug/l	99
25) 2-Butanone	6.83	43	967538	245.288	ug/l	97
26) 2,2-Dichloropropane	6.83	77	615892	47.423	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	544297	48.197	ug/l	98
28) Bromochloromethane	7.19	49	410679	47.920	ug/l	94
29) Tetrahydrofuran	7.21	42	648586	254.929	ug/l	98
30) Chloroform	7.37	83	894856	47.802	ug/l	98
31) Cyclohexane	7.65	56	780105	42.904	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	735904	49.616	ug/l	99
36) 1,1-Dichloropropene	7.79	75	655539	46.276	ug/l	98
37) Ethyl Acetate	6.93	43	435005	50.317	ug/l	98
38) Carbon Tetrachloride	7.78	117	629704	49.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	778279	45.202	ug/l	99
40) Benzene	8.04	78	2018705	47.818	ug/l	100
41) Methacrylonitrile	7.17	41	232198	49.127	ug/l	93
42) 1,2-Dichloroethane	8.13	62	631075	49.369	ug/l	99
43) Isopropyl Acetate	8.16	43	834106	57.012	ug/l	96
44) Trichloroethene	8.84	130	548650	50.736	ug/l	100
45) 1,2-Dichloropropane	9.12	63	548039	48.828	ug/l	99
46) Dibromomethane	9.21	93	318053	51.189	ug/l	98
47) Bromodichloromethane	9.40	83	684034	50.636	ug/l	99
48) Methyl methacrylate	9.20	41	406305	53.260	ug/l	99
49) 1,4-Dioxane	9.20	88	92832	1172.519	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	2220670	270.526	ug/l	99
52) Toluene	10.16	92	1246085	49.679	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	684882	52.700	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	797413	51.202	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	463180	52.497	ug/l	100
56) Ethyl methacrylate	10.43	69	627151	51.125	ug/l	97
57) 1,3-Dichloropropane	10.71	76	790327	50.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1692460	264.357	ug/l	98
59) 2-Hexanone	10.75	43	1500752	272.404	ug/l	99
60) Dibromochloromethane	10.90	129	512650	53.498	ug/l	100
61) 1,2-Dibromoethane	11.01	107	456459	52.089	ug/l	100
64) Tetrachloroethene	10.63	164	587435	56.497	ug/l	98
65) Chlorobenzene	11.43	112	1396786	50.512	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	498632	51.860	ug/l	99
67) Ethyl Benzene	11.51	91	2428894	50.159	ug/l	100
68) m/p-Xylenes	11.62	106	1824743	101.222	ug/l	99
69) o-Xylene	11.95	106	894787	51.113	ug/l	100
70) Styrene	11.96	104	1496579	53.674	ug/l	99
71) Bromoform	12.13	173	356803	56.046	ug/l #	100
73) Isopropylbenzene	12.25	105	2408193	47.219	ug/l	99
74) N-amyl acetate	12.07	43	710521	55.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	546095	47.071	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	484896m	48.373	ug/l	
77) Bromobenzene	12.53	156	610679	48.444	ug/l	98
78) n-propylbenzene	12.59	91	2778101	47.949	ug/l	99
79) 2-Chlorotoluene	12.68	91	1618538	46.910	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1963362	48.269	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	152852	50.922	ug/l	98
82) 4-Chlorotoluene	12.77	91	1670240	48.032	ug/l	99
83) tert-Butylbenzene	12.99	119	1732045	47.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2006334	49.219	ug/l	100
85) sec-Butylbenzene	13.17	105	2369413	47.974	ug/l	99
86) p-Isopropyltoluene	13.29	119	2050714	48.749	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1098608	49.822	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1079753	49.713	ug/l	99
89) n-Butylbenzene	13.62	91	1746347	49.917	ug/l	99
90) Hexachloroethane	13.88	117	341068	47.884	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1060967	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	89476	53.925	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	604615	52.255	ug/l	100
94) Hexachlorobutadiene	15.01	225	322073	47.522	ug/l	99
95) Naphthalene	15.13	128	1307875	53.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	551044	51.827	ug/l	100

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

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