

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052972.D
 Acq On : 18 Dec 2018 20:11
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:22 PM

Quant Time: Dec 19 04:44:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1652661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	736512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	633466	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	453885	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.09	98	2383254	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.40	95	813530	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	593008	49.368	ug/l	99
3) Chloromethane	2.06	50	711816	48.902	ug/l	99
4) Vinyl Chloride	2.19	62	732071	49.660	ug/l	100
5) Bromomethane	2.57	94	470345	46.051	ug/l	99
6) Chloroethane	2.71	64	431370	49.408	ug/l	98
7) Trichlorofluoromethane	3.02	101	907222	49.401	ug/l	100
8) Diethyl Ether	3.41	74	349942	50.510	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	566976	48.422	ug/l	98
10) Methyl Iodide	3.96	142	866073	52.670	ug/l	99
11) Tert butyl alcohol	4.78	59	194871	265.166	ug/l	100
12) 1,1-Dichloroethene	3.74	96	556082	49.157	ug/l	98
13) Acrolein	3.61	56	229423	344.290	ug/l	100
14) Allyl chloride	4.33	41	920146	52.512	ug/l	95
15) Acrylonitrile	4.99	53	1037971	254.234	ug/l	100
16) Acetone	3.82	43	627890	265.883	ug/l	97
17) Carbon Disulfide	4.06	76	1672250	45.328	ug/l	99
18) Methyl Acetate	4.32	43	530401	49.496	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1551066	51.236	ug/l	99
20) Methylene Chloride	4.55	84	629341	48.855	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	591312	48.651	ug/l	99
22) Diisopropyl ether	5.95	45	1924376	51.451	ug/l	97
23) Vinyl Acetate	5.90	43	5327838	247.723	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1112120	50.039	ug/l	99
25) 2-Butanone	6.83	43	1070662	270.149	ug/l	96
26) 2,2-Dichloropropane	6.83	77	777966	45.854	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	685763	49.838	ug/l	98
28) Bromochloromethane	7.20	49	501096	52.031	ug/l	95
29) Tetrahydrofuran	7.21	42	770936	260.451	ug/l	99
30) Chloroform	7.37	83	1077946	49.372	ug/l	99
31) Cyclohexane	7.66	56	1046868	50.227	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	920473	49.491	ug/l	99
36) 1,1-Dichloropropene	7.80	75	847421	48.237	ug/l	100
37) Ethyl Acetate	6.93	43	514108	52.421	ug/l	99
38) Carbon Tetrachloride	7.78	117	793526	49.280	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1034933	48.494	ug/l	97
40) Benzene	8.04	78	2583874	49.447	ug/l	99
41) Methacrylonitrile	7.17	41	306770	54.137	ug/l	94
42) 1,2-Dichloroethane	8.13	62	760306	49.252	ug/l	99
43) Isopropyl Acetate	8.16	43	979968	51.670	ug/l	99
44) Trichloroethene	8.84	130	734173	48.575	ug/l	97
45) 1,2-Dichloropropane	9.12	63	683478	50.215	ug/l	100
46) Dibromomethane	9.21	93	391220	49.341	ug/l	98
47) Bromodichloromethane	9.40	83	823599	48.866	ug/l	100
48) Methyl methacrylate	9.20	41	488537	51.335	ug/l	99
49) 1,4-Dioxane	9.20	88	118608	985.269	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2540249	267.464	ug/l	99
52) Toluene	10.16	92	1631325	50.366	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	871394	49.167	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1009819	49.639	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	570417	50.481	ug/l	98
56) Ethyl methacrylate	10.43	69	788583	52.727	ug/l	97
57) 1,3-Dichloropropane	10.71	76	976629	50.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2127771	259.142	ug/l	98
59) 2-Hexanone	10.75	43	1723017	268.138	ug/l	99
60) Dibromochloromethane	10.90	129	639115	49.412	ug/l	100
61) 1,2-Dibromoethane	11.01	107	579875	50.530	ug/l	99
64) Tetrachloroethene	10.63	164	842328	47.052	ug/l	99
65) Chlorobenzene	11.43	112	1796221	49.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	631482	49.568	ug/l	100
67) Ethyl Benzene	11.51	91	3128683	49.660	ug/l	100
68) m/p-Xylenes	11.62	106	2343036	97.827	ug/l	100
69) o-Xylene	11.95	106	1144835	49.813	ug/l	100
70) Styrene	11.96	104	1878197	50.118	ug/l	99
71) Bromoform	12.13	173	445461	48.402	ug/l #	100
73) Isopropylbenzene	12.25	105	3033030	52.633	ug/l	100
74) N-amyl acetate	12.07	43	891330	55.712	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	614432	54.349	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	568287m	45.835	ug/l	
77) Bromobenzene	12.53	156	774948	51.734	ug/l	98
78) n-propylbenzene	12.59	91	3400027	51.806	ug/l	100
79) 2-Chlorotoluene	12.68	91	1980329	48.680	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	2344757	49.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	205161	53.334	ug/l	95
82) 4-Chlorotoluene	12.77	91	2020478	50.737	ug/l	100
83) tert-Butylbenzene	12.99	119	2076300	49.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2347141	49.709	ug/l	99
85) sec-Butylbenzene	13.17	105	2759877	49.119	ug/l	99
86) p-Isopropyltoluene	13.29	119	2379415	49.009	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1284919	48.466	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1264987	47.116	ug/l	100
89) n-Butylbenzene	13.62	91	1929938	46.205	ug/l	100
90) Hexachloroethane	13.88	117	370206	49.689	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1185405	47.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91498	46.808	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	631663	47.809	ug/l	100
94) Hexachlorobutadiene	15.01	225	332105	48.430	ug/l	99
95) Naphthalene	15.13	128	1406541	48.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	571518	48.030	ug/l	100

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

