

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN052997.D
 Acq On : 19 Dec 2018 8:55
 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
 12/20/2018 9:34:12 AM

Quant Time: Dec 20 05:47:35 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	7.66	168	1156549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1702873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1533316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	727310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	590402	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	452087	58.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.24%	
50) Toluene-d8	10.09	98	2209201	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	775052	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	564076	48.190	ug/l	99
3) Chloromethane	2.06	50	674685	47.566	ug/l	100
4) Vinyl Chloride	2.19	62	689881	48.024	ug/l	100
5) Bromomethane	2.57	94	455640	45.780	ug/l	100
6) Chloroethane	2.71	64	404534	47.548	ug/l	98
7) Trichlorofluoromethane	3.02	101	862522	48.198	ug/l	98
8) Diethyl Ether	3.41	74	324707	48.096	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	557579	48.867	ug/l	98
10) Methyl Iodide	3.96	142	789477	49.270	ug/l	100
11) Tert butyl alcohol	4.77	59	171969	240.136	ug/l	100
12) 1,1-Dichloroethene	3.74	96	523240	47.466	ug/l	99
13) Acrolein	3.61	56	229576	353.550	ug/l	100
14) Allyl chloride	4.33	41	818597	47.941	ug/l	98
15) Acrylonitrile	4.98	53	934975	235.009	ug/l	99
16) Acetone	3.81	43	515241	223.900	ug/l	97
17) Carbon Disulfide	4.06	76	1573574	43.771	ug/l	99
18) Methyl Acetate	4.32	43	475654	45.629	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1431111	48.513	ug/l	98
20) Methylene Chloride	4.55	84	596875	47.549	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	564117	47.630	ug/l	98
22) Diisopropyl ether	5.95	45	1797242	49.311	ug/l	98
23) Vinyl Acetate	5.89	43	5193849	247.822	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1038436	47.948	ug/l	99
25) 2-Butanone	6.83	43	949036	245.737	ug/l	98
26) 2,2-Dichloropropane	6.82	77	810189	49.005	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	643381	47.983	ug/l	100
28) Bromochloromethane	7.19	49	460094	49.026	ug/l	95
29) Tetrahydrofuran	7.21	42	690116	239.257	ug/l	97
30) Chloroform	7.37	83	1022204	48.046	ug/l	100
31) Cyclohexane	7.65	56	1010520	49.744	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	864305	47.689	ug/l	100
36) 1,1-Dichloropropene	7.79	75	814745	49.848	ug/l	100
37) Ethyl Acetate	6.93	43	469947	51.505	ug/l	99
38) Carbon Tetrachloride	7.77	117	751351	50.152	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1022125	51.478	ug/l	98
40) Benzene	8.04	78	2436387	50.114	ug/l	99
41) Methacrylonitrile	7.17	41	267047	50.654	ug/l	97
42) 1,2-Dichloroethane	8.12	62	710495	49.470	ug/l	99
43) Isopropyl Acetate	8.16	43	883959	50.063	ug/l	98
44) Trichloroethene	8.84	130	697407	49.596	ug/l	96
45) 1,2-Dichloropropane	9.12	63	639631	50.511	ug/l	100
46) Dibromomethane	9.21	93	366387	49.667	ug/l	98
47) Bromodichloromethane	9.40	83	780647	49.783	ug/l	100
48) Methyl methacrylate	9.20	41	447006	50.486	ug/l	99
49) 1,4-Dioxane	9.20	88	107766	962.200	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2277063	257.696	ug/l	99
52) Toluene	10.16	92	1536127	50.976	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	830307	50.355	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	963496	50.907	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	524174	49.860	ug/l	100
56) Ethyl methacrylate	10.43	69	719093	51.679	ug/l	97
57) 1,3-Dichloropropane	10.71	76	912490	50.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1968420	257.676	ug/l	99
59) 2-Hexanone	10.75	43	1579291	264.164	ug/l	100
60) Dibromochloromethane	10.90	129	601595	49.992	ug/l	100
61) 1,2-Dibromoethane	11.01	107	538499	50.436	ug/l	99
64) Tetrachloroethene	10.63	164	809163	48.718	ug/l	99
65) Chlorobenzene	11.43	112	1702028	50.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	592757	50.150	ug/l	100
67) Ethyl Benzene	11.51	91	2961716	50.669	ug/l	100
68) m/p-Xylenes	11.62	106	2251567	101.325	ug/l	100
69) o-Xylene	11.95	106	1088061	51.027	ug/l	100
70) Styrene	11.96	104	1795782	51.648	ug/l	100
71) Bromoform	12.13	173	417082	48.846	ug/l #	100
73) Isopropylbenzene	12.25	105	2905756	51.063	ug/l	100
74) N-amyl acetate	12.07	43	809790	51.256	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	571277	51.171	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	530059m	43.293	ug/l	
77) Bromobenzene	12.53	156	741707	50.142	ug/l	97
78) n-propylbenzene	12.59	91	3341423	51.557	ug/l	100
79) 2-Chlorotoluene	12.68	91	1932805	48.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2340180	50.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	192791	50.752	ug/l	96
82) 4-Chlorotoluene	12.77	91	1988502	50.566	ug/l	100
83) tert-Butylbenzene	12.99	119	2046351	49.885	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2360893	50.633	ug/l	100
85) sec-Butylbenzene	13.17	105	2789772	50.279	ug/l	100
86) p-Isopropyltoluene	13.29	119	2420289	50.481	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1292787	49.380	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1289749	48.647	ug/l	100
89) n-Butylbenzene	13.62	91	2052248	49.755	ug/l	100
90) Hexachloroethane	13.88	117	370268	50.326	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1214028	49.271	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88214	45.699	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	627556	48.096	ug/l	99
94) Hexachlorobutadiene	15.01	225	372179	55.372	ug/l	100
95) Naphthalene	15.13	128	1286845	45.115	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	551810	46.972	ug/l	99

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

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