

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054708.D
 Acq On : 27 Mar 2019 9:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 12:44:33 PM

Quant Time: Mar 28 06:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	410564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	650930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	259850	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	212733	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.09	98	794684	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.40	95	280268	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200317	51.038	ug/l	100
3) Chloromethane	2.06	50	263309	49.308	ug/l	99
4) Vinyl Chloride	2.19	62	245850	45.855	ug/l	99
5) Bromomethane	2.57	94	138611	39.982	ug/l	99
6) Chloroethane	2.71	64	138958	43.211	ug/l	99
7) Trichlorofluoromethane	3.02	101	319168	49.019	ug/l	98
8) Diethyl Ether	3.41	74	102404	40.894	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	172047	44.961	ug/l	95
10) Methyl Iodide	3.94	142	236778	42.065	ug/l #	88
11) Tert butyl alcohol	4.81	59	75440	244.004	ug/l	97
12) 1,1-Dichloroethene	3.73	96	158717	40.080	ug/l #	74
13) Acrolein	3.61	56	114508	268.380	ug/l	97
14) Allyl chloride	4.32	41	385547	51.703	ug/l #	93
15) Acrylonitrile	4.99	53	402471	261.402	ug/l	100
16) Acetone	3.82	43	441913	287.825	ug/l #	83
17) Carbon Disulfide	4.04	76	480977	45.330	ug/l	99
18) Methyl Acetate	4.33	43	178565	52.179	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	568173	49.162	ug/l	94
20) Methylene Chloride	4.55	84	221310	48.899	ug/l #	78
21) trans-1,2-Dichloroethene	5.04	96	206118	50.973	ug/l	85
22) Diisopropyl ether	5.96	45	811155	55.148	ug/l #	91
23) Vinyl Acetate	5.90	43	2829470	272.369	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	420941	53.151	ug/l	98
25) 2-Butanone	6.84	43	572113	290.888	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	310777	55.048	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	244743	50.743	ug/l	88
28) Bromochloromethane	7.19	49	207379	53.198	ug/l #	71
29) Tetrahydrofuran	7.22	42	333396	261.218	ug/l #	83
30) Chloroform	7.37	83	409870	53.031	ug/l	99
31) Cyclohexane	7.65	56	394374	52.044	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	341718	53.591	ug/l	95
36) 1,1-Dichloropropene	7.79	75	311083	51.113	ug/l	95
37) Ethyl Acetate	6.93	43	222364	51.369	ug/l #	94
38) Carbon Tetrachloride	7.77	117	299683	50.670	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	343918	49.399	ug/l #	88
40) Benzene	8.04	78	903030	51.887	ug/l	100
41) Methacrylonitrile	7.17	41	127191	48.180	ug/l	91
42) 1,2-Dichloroethane	8.12	62	324925	51.265	ug/l	97
43) Isopropyl Acetate	8.17	43	380788	52.087	ug/l #	93
44) Trichloroethene	8.83	130	237734	49.132	ug/l	93
45) 1,2-Dichloropropane	9.12	63	252917	54.119	ug/l	100
46) Dibromomethane	9.21	93	142870	51.245	ug/l	89
47) Bromodichloromethane	9.40	83	318100	54.977	ug/l	97
48) Methyl methacrylate	9.20	41	194033	48.900	ug/l	89
49) 1,4-Dioxane	9.20	88	44083	993.771	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	1082766	267.245	ug/l	92
52) Toluene	10.15	92	547320	51.131	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	299538	49.116	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	367173	55.344	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	199507	51.850	ug/l	95
56) Ethyl methacrylate	10.43	69	260795	50.498	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	350010	52.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	509623	239.639	ug/l	89
59) 2-Hexanone	10.75	43	726692	274.591	ug/l	92
60) Dibromochloromethane	10.90	129	219733	53.667	ug/l	99
61) 1,2-Dibromoethane	11.00	107	190335	50.036	ug/l	99
64) Tetrachloroethene	10.63	164	233043	49.151	ug/l	95
65) Chlorobenzene	11.43	112	582542	50.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	222539	53.329	ug/l	99
67) Ethyl Benzene	11.51	91	1051837	51.217	ug/l	98
68) m/p-Xylenes	11.62	106	784413	100.840	ug/l	94
69) o-Xylene	11.95	106	381280	50.190	ug/l	95
70) Styrene	11.96	104	644439	52.238	ug/l	97
71) Bromoform	12.12	173	135733	47.305	ug/l #	99
73) Isopropylbenzene	12.25	105	1021902	47.716	ug/l	98
74) N-amyl acetate	12.07	43	315618	51.254	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	241586	49.416	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	198724m	47.121	ug/l	
77) Bromobenzene	12.53	156	250245	47.114	ug/l	87
78) n-propylbenzene	12.59	91	1154621	49.719	ug/l	97
79) 2-Chlorotoluene	12.67	91	698248	48.216	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	849947	48.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54372	44.798	ug/l #	80
82) 4-Chlorotoluene	12.77	91	698698	49.775	ug/l	97
83) tert-Butylbenzene	12.99	119	723098	47.328	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	843226	48.960	ug/l	98
85) sec-Butylbenzene	13.17	105	933100	48.992	ug/l	97
86) p-Isopropyltoluene	13.29	119	837102	49.127	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	438366	49.803	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	427312	49.896	ug/l	98
89) n-Butylbenzene	13.61	91	704165	52.851	ug/l	98
90) Hexachloroethane	13.87	117	141966	53.675	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	426271	49.999	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38599	53.829	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216829	51.018	ug/l	99
94) Hexachlorobutadiene	15.01	225	134257	56.549	ug/l	99
95) Naphthalene	15.13	128	454884	47.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	209740	49.585	ug/l	98

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

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