

Data File : VN055376.D
Acq On : 3 May 2019 9:24
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
5/6/2019 10:47:48 AM

Quant Time: May 03 23:32:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	426270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	655797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	260302	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
35) Dibromofluoromethane	7.59	113	213469	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.09	98	769031	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	257403	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	238678	45.700	ug/l	100
3) Chloromethane	2.06	50	259018	40.052	ug/l	100
4) Vinyl Chloride	2.19	62	234697	45.022	ug/l	99
5) Bromomethane	2.57	94	125441	45.429	ug/l	97
6) Chloroethane	2.71	64	131261	46.480	ug/l	100
7) Trichlorofluoromethane	3.02	101	341291	46.042	ug/l	98
8) Diethyl Ether	3.41	74	121443	46.827	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	211380	47.887	ug/l	98
10) Methyl Iodide	3.96	142	284406	45.782	ug/l	98
11) Tert butyl alcohol	4.79	59	65983	206.665	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	195322	46.386	ug/l	99
13) Acrolein	3.61	56	39070	156.693	ug/l	100
14) Allyl chloride	4.33	41	416544	47.763	ug/l	98
15) Acrylonitrile	4.99	53	408803	227.795	ug/l	98
16) Acetone	3.82	43	433670	249.581	ug/l	97
17) Carbon Disulfide	4.06	76	461961	42.038	ug/l	99
18) Methyl Acetate	4.33	43	197584	46.609	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	564293	47.669	ug/l	100
20) Methylene Chloride	4.55	84	226850	42.772	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	202873	45.492	ug/l	99
22) Diisopropyl ether	5.95	45	853850	49.276	ug/l	97
23) Vinyl Acetate	5.90	43	2750647	242.205	ug/l	99
24) 1,1-Dichloroethane	5.85	63	438745	47.522	ug/l	99
25) 2-Butanone	6.84	43	524243	235.917	ug/l	97
26) 2,2-Dichloropropane	6.82	77	307919	48.298	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	240930	47.508	ug/l	97
28) Bromochloromethane	7.19	49	214457	46.082	ug/l	99
29) Tetrahydrofuran	7.21	42	323199	227.140	ug/l	99
30) Chloroform	7.37	83	412146	47.092	ug/l	99
31) Cyclohexane	7.65	56	395213	45.055	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	328073	46.188	ug/l	99
36) 1,1-Dichloropropene	7.79	75	307404	48.938	ug/l	99
37) Ethyl Acetate	6.93	43	215356	44.733	ug/l	100
38) Carbon Tetrachloride	7.77	117	283736	46.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	334811	50.132	ug/l	99
40) Benzene	8.04	78	892468	48.196	ug/l	100
41) Methacrylonitrile	7.17	41	127849	49.082	ug/l	97
42) 1,2-Dichloroethane	8.12	62	310891	47.402	ug/l	100
43) Isopropyl Acetate	8.16	43	380050	49.122	ug/l #	88
44) Trichloroethene	8.83	130	227674	48.229	ug/l	98
45) 1,2-Dichloropropane	9.12	63	262077	49.071	ug/l	98
46) Dibromomethane	9.21	93	137285	47.027	ug/l	99
47) Bromodichloromethane	9.40	83	309830	49.472	ug/l	98
48) Methyl methacrylate	9.20	41	181236	47.651	ug/l	99
49) 1,4-Dioxane	9.20	88	37013	941.393	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1012004	232.328	ug/l	99
52) Toluene	10.16	92	526174	49.523	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	282757	52.009	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	352679	52.029	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	192873	48.885	ug/l	98
56) Ethyl methacrylate	10.43	69	243371	50.116	ug/l	98
57) 1,3-Dichloropropane	10.71	76	338719	48.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	311638	208.923	ug/l	99
59) 2-Hexanone	10.75	43	655060	240.350	ug/l	99
60) Dibromochloromethane	10.90	129	202910	50.320	ug/l	99
61) 1,2-Dibromoethane	11.00	107	176587	48.424	ug/l	100
64) Tetrachloroethene	10.63	164	231724	50.692	ug/l	98
65) Chlorobenzene	11.43	112	535019	48.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	206368	48.224	ug/l	100
67) Ethyl Benzene	11.51	91	987574	50.041	ug/l	100
68) m/p-Xylenes	11.62	106	725215	102.950	ug/l	98
69) o-Xylene	11.95	106	352471	50.482	ug/l	100
70) Styrene	11.96	104	581343	54.228	ug/l	100
71) Bromoform	12.13	173	121577	51.200	ug/l #	99
73) Isopropylbenzene	12.25	105	958050	52.357	ug/l	100
74) N-amyl acetate	12.07	43	265746	44.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	211896	46.126	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	187389m	43.381	ug/l	
77) Bromobenzene	12.53	156	221221	50.297	ug/l	99
78) n-propylbenzene	12.59	91	1078914	45.543	ug/l	100
79) 2-Chlorotoluene	12.67	91	644474	51.651	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	796344	44.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	50971	41.884	ug/l	95
82) 4-Chlorotoluene	12.77	91	628961	45.663	ug/l	100
83) tert-Butylbenzene	12.99	119	670761	52.563	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	776909	48.047	ug/l	100
85) sec-Butylbenzene	13.17	105	884707	45.020	ug/l	100
86) p-Isopropyltoluene	13.29	119	763154	47.249	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	367525	47.624	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	357497	49.191	ug/l	99
89) n-Butylbenzene	13.61	91	605158	52.727	ug/l	99
90) Hexachloroethane	13.87	117	125039	48.857	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	366766	47.951	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30065	49.552	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146536	48.689	ug/l	98
94) Hexachlorobutadiene	15.01	225	135477	59.388	ug/l	97
95) Naphthalene	15.13	128	261059	41.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	146031	49.219	ug/l	98

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

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