Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114303.D
Acq On : 16 May 2019 11:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/24/2019 9:12:13 AM

Quant Time: May 17 11:28:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250324	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	971691	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	454600	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	907266	20.00	ng		0.00
76) Chrysene-d12	14.03	240	629118	20.00	ng		0.00
87) Perylene-d12	15.51	264	571689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1186982	76.31	ng		0.00
7) Phenol-d6	6.50	99	1498726	81.46	ng		0.00
23) Nitrobenzene-d5	7.42	82	1421428	82.09	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	356053	75.76	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2239253	74.51	ng		0.00
79) Terphenyl-d14	12.96	244	2333634	76.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	300542	35.151	ng		99
3) Pyridine	3.36	79	838411	35.591	ng		97
4) n-Nitrosodimethylamine	3.32	42	411341	36.210	ng		94
6) Aniline	6.52	93	1003039	37.743	ng	#	51
8) 2-Chlorophenol	6.65	128	680466	40.977	ng		95
9) Benzaldehyde	6.40	77	467577	36.303	ng		100
10) Phenol	6.52	94	838987	38.766	ng	#	74
11) bis(2-Chloroethyl)ether	6.59	93	682858	41.560	ng		100
12) 1,3-Dichlorobenzene	6.79	146	749463	40.206	ng		99
13) 1,4-Dichlorobenzene	6.87	146	752690	40.072	ng		98
14) 1,2-Dichlorobenzene	7.02	146	690096	40.214	ng		98
15) Benzyl Alcohol	7.00	79	564003	39.306	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1247524	39.159	ng		82
17) 2-Methylphenol	7.12	107	546550	40.066	ng		95
18) Hexachloroethane	7.36	117	281952	39.990	ng		100
19) n-Nitroso-di-n-propylamine	7.27	70	456711	39.165	ng		98
20) 3+4-Methylphenols	7.27	107	662226	42.018	ng	#	71
22) Acetophenone	7.26	105	883032	41.021	ng		94
24) Nitrobenzene	7.43	77	736179	41.746	ng		99
25) Isophorone	7.67	82	1285630	40.036	ng		100
26) 2-Nitrophenol	7.75	139	371200	43.386	ng		98
27) 2,4-Dimethylphenol	7.79	122	506958	37.727	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	851158	40.852	ng		99
29) 2,4-Dichlorophenol	8.00	162	550985	41.178	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	604383	39.721	ng		99
31) Naphthalene	8.16	128	1855689	40.884	ng		99
32) Benzoic acid	7.93	122	352532m	38.432	ng		
33) 4-Chloroaniline	8.20	127	863258	41.736	ng		98
34) Hexachlorobutadiene	8.27	225	343194	39.641	ng		98
35) Caprolactam	8.59	113	198362	45.464	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	577810	42.900	ng		99
37) 2-Methylnaphthalene	8.85	142	1228106	41.937	ng		98
38) 1-Methylnaphthalene	8.95	142	1149790	41.692	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	556760	40.430	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	209242	35.176	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	376219	39.719	ng		96
44) 2,4,5-Trichlorophenol	9.18	196	391691	40.323	ng		99
46) 1,1'-Biphenyl	9.31	154	1489031	40.545	ng		99
47) 2-Chloronaphthalene	9.34	162	1189226	40.236	ng		98
48) 2-Nitroaniline	9.43	65	457117	43.609	ng		96
49) Acenaphthylene	9.75	152	1809732	40.258	ng		99
50) Dimethylphthalate	9.60	163	1366614	40.951	ng		99
51) 2,6-Dinitrotoluene	9.67	165	304207	41.099	ng		98
52) Acenaphthene	9.92	154	1076236	39.015	ng		99
53) 3-Nitroaniline	9.85	138	394077	42.889	ng		96
54) 2,4-Dinitrophenol	9.96	184	128644	38.395	ng		98
55) Dibenzofuran	10.10	168	1566192	38.719	ng		96
56) 4-Nitrophenol	10.03	139	244536	37.633	ng		90
57) 2,4-Dinitrotoluene	10.09	165	390842	38.903	ng	#	91
58) Fluorene	10.44	166	1265168	40.493	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	313491	37.402	ng		99
60) Diethylphthalate	10.30	149	1325202	39.082	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	614447	40.041	ng		99
62) 4-Nitroaniline	10.46	138	408091	42.267	ng		99
63) Azobenzene	10.59	77	1302193	39.675	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	186553	42.792	ng		83
66) n-Nitrosodiphenylamine	10.55	169	1122382	40.761	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	394005	39.442	ng		99
68) Hexachlorobenzene	10.99	284	441071	39.912	ng		98
69) Atrazine	11.07	200	328604	38.348	ng		99
70) Pentachlorophenol	11.19	266	209516	39.995	ng		99
71) Phenanthrene	11.40	178	1790480	40.564	ng		99
72) Anthracene	11.45	178	1816374	40.970	ng		99
73) Carbazole	11.61	167	1789128	42.319	ng		98
74) Di-n-butylphthalate	11.93	149	2054422	42.180	ng		99
75) Fluoranthene	12.59	202	1939629	40.806	ng		98
77) Benzidine	12.71	184	1085404	38.435	ng		97
78) Pyrene	12.82	202	2001557	39.549	ng		100
80) Butylbenzylphthalate	13.43	149	914835	42.946	ng		99
81) Benzo(a)anthracene	14.02	228	1727268	42.448	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	661688	41.918	ng	#	98
83) Chrysene	14.05	228	1637958	41.063	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1222162	43.868	ng		100
85) Di-n-octyl phthalate	14.62	149	1986671	43.989	ng		100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1428706	40.527	ng		99
88) Benzo(b)fluoranthene	15.08	252	1641708	44.824	ng		98
89) Benzo(k)fluoranthene	15.12	252	1413746	42.020	ng		99
90) Benzo(a)pyrene	15.45	252	1414026	43.868	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1160949	43.344	ng		99
92) Benzo(g,h,i)perylene	17.45	276	1188698	44.285	ng		99

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

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