Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114637.D
Acq On : 29 May 2019 16:35
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:46 PM

Quant Time: May 29 19:17:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	319871	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1287747	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	630614	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1186522	20.00	ng		0.00
76) Chrysene-d12	13.82	240	578706	20.00	ng		0.00
87) Perylene-d12	15.20	264	747350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2656928	133.67	ng		0.01
7) Phenol-d6	6.34	99	3144980	133.78	ng		0.01
23) Nitrobenzene-d5	7.27	82	3100052	135.10	ng		0.01
42) 2,4,6-Tribromophenol	10.51	330	863683	132.48	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.79	244	4797644	170.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	682385	62.458	ng		99
3) Pyridine	3.04	79	2009455	66.755	ng		100
4) n-Nitrosodimethylamine	3.00	42	820768	56.542	ng		97
6) Aniline	6.37	93	2424101	71.383	ng		100
8) 2-Chlorophenol	6.49	128	1543911	72.758	ng		98
9) Benzaldehyde	6.24	77	795300	48.323	ng		97
10) Phenol	6.36	94	1903349	68.824	ng		88
11) bis(2-Chloroethyl)ether	6.45	93	1499196	71.405	ng		97
12) 1,3-Dichlorobenzene	6.64	146	1744456	73.237	ng		97
13) 1,4-Dichlorobenzene	6.72	146	1731781	72.151	ng		97
14) 1,2-Dichlorobenzene	6.87	146	1509767	68.850	ng		98
15) Benzyl Alcohol	6.85	79	1215521	66.293	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2297757	56.443	ng		100
17) 2-Methylphenol	6.96	107	1353727	77.662	ng		98
18) Hexachloroethane	7.22	117	672172	74.607	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	1138046	76.373	ng		99
22) Acetophenone	7.12	105	1966893	68.947	ng	#	96
24) Nitrobenzene	7.29	77	1614988	69.102	ng		95
25) Isophorone	7.53	82	3151491	74.055	ng		98
26) 2-Nitrophenol	7.60	139	842003	74.259	ng		100
27) 2,4-Dimethylphenol	7.65	122	1328591	74.605	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	1968115	71.277	ng		99
29) 2,4-Dichlorophenol	7.84	162	1362736	76.848	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	1509432	74.855	ng		97
31) Naphthalene	8.00	128	3958003	65.799	ng		97
32) Benzoic acid	7.80	122	979692m	84.012	ng		
33) 4-Chloroaniline	8.05	127	2092336	76.332	ng		99
34) Hexachlorobutadiene	8.13	225	828679	72.226	ng		100
35) Caprolactam	8.45	113	466831m	80.735	ng		
36) 4-Chloro-3-methylphenol	8.54	107	1349006	75.576	ng		100
37) 2-Methylnaphthalene	8.69	142	2743185	70.682	ng		97
38) 1-Methylnaphthalene	8.79	142	2593673	70.966	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	1179401	61.740	ng		99
41) Hexachlorocyclopentadiene	8.85	237	800115	99.545	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	993414	75.606	ng		100
44) 2,4,5-Trichlorophenol	9.00	196	996781	73.973	ng		98
46) 1,1'-Biphenyl	9.16	154	3080719	60.471	ng		97
47) 2-Chloronaphthalene	9.18	162	2689291	65.592	ng		97
48) 2-Nitroaniline	9.27	65	933362	64.190	ng		100
49) Acenaphthylene	9.59	152	3942734	63.227	ng		96
50) Dimethylphthalate	9.47	163	3073991	66.403	ng		98
51) 2,6-Dinitrotoluene	9.52	165	797546	77.675	ng		92
52) Acenaphthene	9.76	154	2605540	68.090	ng		99
53) 3-Nitroaniline	9.69	138	970663	76.155	ng		96
54) 2,4-Dinitrophenol	9.78	184	353929	85.944	ng	#	88
55) Dibenzofuran	9.93	168	3448979	61.467	ng		96
56) 4-Nitrophenol	9.84	139	723369	80.252	ng		92
57) 2,4-Dinitrotoluene	9.92	165	1022470	73.367	ng		96
58) Fluorene	10.27	166	2256281	52.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	801450	68.931	ng		99
60) Diethylphthalate	10.16	149	3133057	66.609	ng		97
61) 4-Chlorophenyl-phenylether	10.27	204	1122660	52.739	ng		99
62) 4-Nitroaniline	10.30	138	957100	71.460	ng		98
63) Azobenzene	10.43	77	2927166	64.292	ng		96
65) 4,6-Dinitro-2-methylphenol	10.33	198	465717	81.685	ng		78
66) n-Nitrosodiphenylamine	10.39	169	2544774	70.666	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	926221	70.898	ng		99
68) Hexachlorobenzene	10.82	284	1001525	69.298	ng		97
69) Atrazine	10.92	200	683015	60.948	ng		99
70) Pentachlorophenol	11.00	266	601482	87.794	ng		97
73) Carbazole	11.43	167	3695861	66.845	ng		97
74) Di-n-butylphthalate	11.77	149	4319189	67.807	ng		97
77) Benzidine	12.52	184	1756871m	67.631	ng		
78) Pyrene	12.63	202	4044591	86.879	ng		97
80) Butylbenzylphthalate	13.26	149	2074845	105.886	ng		98
81) Benzo(a)anthracene	13.81	228	3615404	96.590	ng		98
82) 3,3'-Dichlorobenzidine	13.78	252	1367365	94.169	ng		99
83) Chrysene	13.85	228	3471961	94.624	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	2336038	91.153	ng	#	99
85) Di-n-octyl phthalate	14.43	149	4082209	98.262	ng		98
86) Indeno(1,2,3-cd)pyrene	16.53	276	3234763	99.752	ng		100
88) Benzo(b)fluoranthene	14.82	252	3891608	81.279	ng		99
89) Benzo(k)fluoranthene	14.86	252	2796969	63.593	ng		99
90) Benzo(a)pyrene	15.16	252	3111778	73.848	ng		97
91) Dibenzo(a,h)anthracene	16.56	278	2595591	74.129	ng		99
92) Benzo(g,h,i)perylene	16.93	276	2580431	73.538	ng		99

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

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