Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114221.D
Acq On : 13 May 2019 11:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/14/2019 11:12:17 PM

Quant Time: May 13 14:29:51 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	6.86	152	323511	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1288253	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	615849	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1221390	20.00	ng		0.00
76) Chrysene-d12	14.02	240	837635	20.00	ng		0.00
87) Perylene-d12	15.51	264	889357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1488464	74.04	ng		0.00
7) Phenol-d6	6.50	99	1897321	79.80	ng		0.01
23) Nitrobenzene-d5	7.42	82	1846428	80.44	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	490806	77.09	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2966845	72.87	ng		0.00
79) Terphenyl-d14	12.96	244	3105486	76.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	398375	36.053	ng		98
3) Pyridine	3.40	79	1123600	36.906	ng		96
4) n-Nitrosodimethylamine	3.36	42	526483	35.861	ng		92
6) Aniline	6.52	93	1328957	38.694	ng		91
8) 2-Chlorophenol	6.65	128	868401	40.464	ng		98
9) Benzaldehyde	6.40	77	654548	39.323	ng		99
10) Phenol	6.52	94	1063628	38.027	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	902103	42.483	ng		97
12) 1,3-Dichlorobenzene	6.80	146	956586	39.708	ng		100
13) 1,4-Dichlorobenzene	6.87	146	962730	39.659	ng		96
14) 1,2-Dichlorobenzene	7.03	146	876518	39.522	ng		99
15) Benzyl Alcohol	7.00	79	746997	40.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1664797	40.435	ng		83
17) 2-Methylphenol	7.12	107	703030	39.878	ng		96
18) Hexachloroethane	7.37	117	369331	40.532	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	602558	39.982	ng		96
20) 3+4-Methylphenols	7.27	107	812101	39.870	ng	#	88
22) Acetophenone	7.26	105	1130012	39.595	ng	#	96
24) Nitrobenzene	7.44	77	947614	40.531	ng		96
25) Isophorone	7.67	82	1727866	40.586	ng		99
26) 2-Nitrophenol	7.75	139	481429	42.442	ng		95
27) 2,4-Dimethylphenol	7.79	122	713979	40.076	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1150741	41.659	ng		100
29) 2,4-Dichlorophenol	8.00	162	715359	40.325	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	798785	39.598	ng		99
31) Naphthalene	8.16	128	2401910	39.915	ng		100
32) Benzoic acid	7.93	122	484659m	39.593	ng		
33) 4-Chloroaniline	8.21	127	1136718	41.453	ng		99
34) Hexachlorobutadiene	8.27	225	456385	39.762	ng		98
35) Caprolactam	8.59	113	260674m	45.064	ng		
36) 4-Chloro-3-methylphenol	8.70	107	752932	42.165	ng		98
37) 2-Methylnaphthalene	8.85	142	1600560	41.225	ng		97
38) 1-Methylnaphthalene	8.95	142	1496865	40.940	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	742230	39.786	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	265859	33.260	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	520919	40.596	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	536847	40.795	ng		95
46) 1,1'-Biphenyl	9.31	154	1942352	39.040	ng		98
47) 2-Chloronaphthalene	9.34	162	1556070	38.863	ng		99
48) 2-Nitroaniline	9.43	65	588754	41.461	ng		97
49) Acenaphthylene	9.75	152	2393846	39.309	ng		99
50) Dimethylphthalate	9.62	163	1876065	41.498	ng		100
51) 2,6-Dinitrotoluene	9.67	165	418151	41.701	ng		99
52) Acenaphthene	9.93	154	1418671	37.963	ng		99
53) 3-Nitroaniline	9.85	138	515770	41.436	ng		94
54) 2,4-Dinitrophenol	9.96	184	180097	39.452	ng		98
55) Dibenzofuran	10.10	168	2080952	37.975	ng		98
56) 4-Nitrophenol	10.02	139	300522	34.140	ng		97
57) 2,4-Dinitrotoluene	10.09	165	539111	39.611	ng		98
58) Fluorene	10.44	166	1639749	38.741	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	431016	37.960	ng		99
60) Diethylphthalate	10.31	149	1822023	39.665	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	811835	39.052	ng		98
62) 4-Nitroaniline	10.46	138	532894	40.741	ng		96
63) Azobenzene	10.59	77	1777347	39.974	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	251436	42.842	ng		89
66) n-Nitrosodiphenylamine	10.55	169	1498328	40.419	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	545473	40.562	ng		96
68) Hexachlorobenzene	10.99	284	591251	39.742	ng		100
69) Atrazine	11.07	200	490582	42.527	ng		99
70) Pentachlorophenol	11.19	266	256455	36.364	ng		98
71) Phenanthrene	11.40	178	2330767	39.224	ng		100
72) Anthracene	11.46	178	2415397	40.469	ng		100
73) Carbazole	11.61	167	2298204	40.380	ng		99
74) Di-n-butylphthalate	11.93	149	2819634	43.002	ng		99
75) Fluoranthene	12.59	202	2533942	39.599	ng		99
77) Benzidine	12.70	184	1343922	35.743	ng		99
78) Pyrene	12.82	202	2569366	38.130	ng		99
80) Butylbenzylphthalate	13.43	149	1292409	45.568	ng		97
81) Benzo(a)anthracene	14.01	228	2282363	42.127	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	923148	43.924	ng	#	98
83) Chrysene	14.05	228	2123184	39.977	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1761896	47.498	ng		100
85) Di-n-octyl phthalate	14.62	149	2933872	48.790	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1996093	42.527	ng		99
88) Benzo(b)fluoranthene	15.08	252	2447463	42.955	ng		98
89) Benzo(k)fluoranthene	15.12	252	1912006	36.531	ng		99
90) Benzo(a)pyrene	15.45	252	2036813	40.619	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1656129	39.746	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1579042	37.815	ng		99

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

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