Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115241.D
Acq On : 27 Jun 2019 18:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:30 PM

Quant Time: Jun 28 05:59:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	230399	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	930856	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	457274	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	894150	20.00	ng		0.00
76) Chrysene-d12	13.72	240	635640	20.00	ng		0.00
87) Perylene-d12	15.08	264	743385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1209767	81.03	ng		0.00
7) Phenol-d6	6.24	99	1325752	73.16	ng		0.00
23) Nitrobenzene-d5	7.17	82	1177201	77.80	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	413415	85.73	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2185213	81.17	ng		0.00
79) Terphenyl-d14	12.68	244	2439417	81.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	268572	38.115	ng		98
3) Pyridine	2.80	79	759678	38.251	ng		99
4) n-Nitrosodimethylamine	2.74	42	288994	37.119	ng		98
6) Aniline	6.26	93	889201	35.703	ng		99
8) 2-Chlorophenol	6.38	128	635702	37.866	ng		97
9) Benzaldehyde	6.14	77	412023	34.850	ng		100
10) Phenol	6.25	94	761021	35.851	ng		92
11) bis(2-Chloroethyl)ether	6.34	93	584342	37.344	ng		97
12) 1,3-Dichlorobenzene	6.54	146	709762	38.094	ng		98
13) 1,4-Dichlorobenzene	6.62	146	725816	38.848	ng		98
14) 1,2-Dichlorobenzene	6.77	146	665698	38.475	ng		98
15) Benzyl Alcohol	6.74	79	485340	36.780	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	840410	37.031	ng		98
17) 2-Methylphenol	6.86	107	505905	36.508	ng		98
18) Hexachloroethane	7.11	117	259801	38.571	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	408074	35.173	ng		98
20) 3+4-Methylphenols	7.02	107	595970	37.246	ng	#	84
22) Acetophenone	7.01	105	804510	37.752	ng	#	97
24) Nitrobenzene	7.18	77	643661	38.610	ng		94
25) Isophorone	7.42	82	1153330	37.206	ng		99
26) 2-Nitrophenol	7.50	139	354064	43.007	ng		96
27) 2,4-Dimethylphenol	7.54	122	514417	38.163	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	748103	38.183	ng		99
29) 2,4-Dichlorophenol	7.74	162	547367	39.349	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	611614	39.805	ng		99
31) Naphthalene	7.90	128	1807222	39.551	ng		100
32) Benzoic acid	7.67	122	326556	33.939	ng		98
33) 4-Chloroaniline	7.95	127	792253	37.938	ng		98
34) Hexachlorobutadiene	8.03	225	349582	41.517	ng		99
35) Caprolactam	8.32	113	169724	36.290	ng		97
36) 4-Chloro-3-methylphenol	8.44	107	537165	38.130	ng		100
37) 2-Methylnaphthalene	8.60	142	1203050	39.049	ng		98
38) 1-Methylnaphthalene	8.69	142	1149996	39.083	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	527388	40.814	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	299664	39.110	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	397373	39.833	ng		100
44) 2,4,5-Trichlorophenol	8.91	196	421821	41.059	ng		97
46) 1,1'-Biphenyl	9.05	154	1409993	38.537	ng		99
47) 2-Chloronaphthalene	9.08	162	1173634	39.544	ng		98
48) 2-Nitroaniline	9.17	65	339707	39.261	ng		88
49) Acenaphthylene	9.49	152	1813052	39.209	ng		99
50) Dimethylphthalate	9.36	163	1337047	39.743	ng		100
51) 2,6-Dinitrotoluene	9.41	165	310835	40.020	ng		100
52) Acenaphthene	9.66	154	1148512	39.693	ng		99
53) 3-Nitroaniline	9.58	138	368917	38.922	ng		100
54) 2,4-Dinitrophenol	9.68	184	160208	43.749	ng		95
55) Dibenzofuran	9.83	168	1561342	37.596	ng		100
56) 4-Nitrophenol	9.74	139	288033	37.905	ng		99
57) 2,4-Dinitrotoluene	9.81	165	408217	40.704	ng		98
58) Fluorene	10.17	166	1123393	39.879	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	349381	40.557	ng		98
60) Diethylphthalate	10.06	149	1321570	39.079	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	555884	41.825	ng		95
62) 4-Nitroaniline	10.18	138	368554	38.760	ng		99
63) Azobenzene	10.32	77	1198188	37.933	ng		96
65) 4,6-Dinitro-2-methylphenol	10.22	198	202820	43.185	ng		89
66) n-Nitrosodiphenylamine	10.28	169	1083581	38.898	ng		99
67) 4-Bromophenyl-phenylether	10.65	248	396182	40.867	ng		95
68) Hexachlorobenzene	10.72	284	431061	40.965	ng		98
69) Atrazine	10.82	200	355564	39.679	ng		98
70) Pentachlorophenol	10.91	266	281418	41.979	ng		98
71) Phenanthrene	11.12	178	1796594	37.318	ng		99
72) Anthracene	11.17	178	1819991	37.451	ng		99
73) Carbazole	11.32	167	1650314	38.030	ng		100
74) Di-n-butylphthalate	11.68	149	2043998	40.762	ng		100
75) Fluoranthene	12.30	202	1836133	38.226	ng		98
77) Benzidine	12.42	184	1008591	35.734	ng		99
78) Pyrene	12.52	202	1885764	38.604	ng		99
80) Butylbenzylphthalate	13.16	149	887387	41.163	ng		96
81) Benzo(a)anthracene	13.71	228	1765165	38.702	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	670217	40.692	ng		98
83) Chrysene	13.74	228	1642039	39.303	ng		99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1211325	42.883	ng	#	98
85) Di-n-octyl phthalate	14.34	149	2061991	43.446	ng		99
86) Indeno(1,2,3-cd)pyrene	16.34	276	1982271	40.097	ng		98
88) Benzo(b)fluoranthene	14.71	252	1791708	38.627	ng		99
89) Benzo(k)fluoranthene	14.74	252	1575826m	37.883	ng		
90) Benzo(a)pyrene	15.02	252	1613064	38.583	ng		98
91) Dibenzo(a,h)anthracene	16.36	278	1603344	41.080	ng		98
92) Benzo(g,h,i)perylene	16.72	276	1626504	41.174	ng		98

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

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