Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117729.D
Acq On : 8 Nov 2019 13:51
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 09 01:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	373248	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1433561	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	779605	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1443033	20.00	ng		0.00
76) Chrysene-d12	14.12	240	1037178	20.00	ng		0.00
87) Perylene-d12	15.63	264	943854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1667961	80.89	ng		0.00
7) Phenol-d6	6.55	99	2029082	79.81	ng		0.00
23) Nitrobenzene-d5	7.50	82	1758933	72.44	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	614840	80.62	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3326744	84.19	ng		0.00
79) Terphenyl-d14	13.06	244	3741690	74.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	405356	39.455	ng		98
3) Pyridine	3.50	79	1114796	39.448	ng		98
4) n-Nitrosodimethylamine	3.46	42	420685	33.780	ng	#	100
6) Aniline	6.59	93	1404382	39.359	ng		99
8) 2-Chlorophenol	6.72	128	926374	40.386	ng		99
9) Benzaldehyde	6.48	77	692119	39.124	ng		100
10) Phenol	6.56	94	1090015	39.787	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	883146	39.038	ng		99
12) 1,3-Dichlorobenzene	6.87	146	1068434	40.183	ng		99
13) 1,4-Dichlorobenzene	6.95	146	1074352	40.364	ng		99
14) 1,2-Dichlorobenzene	7.10	146	1002123	40.891	ng		99
15) Benzyl Alcohol	7.07	79	807350	39.826	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1380840	38.604	ng		98
17) 2-Methylphenol	7.17	107	780443	39.615	ng		98
18) Hexachloroethane	7.45	117	387572	39.394	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	637435	38.130	ng		99
20) 3+4-Methylphenols	7.33	107	953654	40.653	ng		98
22) Acetophenone	7.34	105	1287112	39.284	ng	#	99
24) Nitrobenzene	7.52	77	940764	37.103	ng		99
25) Isophorone	7.76	82	1753599	37.759	ng		100
26) 2-Nitrophenol	7.83	139	417658	35.481	ng		99
27) 2,4-Dimethylphenol	7.86	122	760043	38.293	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	1144775	38.400	ng		100
29) 2,4-Dichlorophenol	8.07	162	808353	39.531	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	917246	39.183	ng		99
31) Naphthalene	8.24	128	2622964	40.030	ng		100
32) Benzoic acid	7.97	122	583030	37.108	ng		97
33) 4-Chloroaniline	8.29	127	1202042	39.480	ng		99
34) Hexachlorobutadiene	8.36	225	525248	39.182	ng		96
35) Caprolactam	8.66	113	265759	39.211	ng		95
36) 4-Chloro-3-methylphenol	8.76	107	813093	39.405	ng		98
37) 2-Methylnaphthalene	8.93	142	1787656	40.074	ng		99
38) 1-Methylnaphthalene	9.03	142	1702136	40.181	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	837905	39.287	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	462199	40.170	ng		99
43) 2,4,6-Trichlorophenol	9.21	196	597786	38.484	ng		99
44) 2,4,5-Trichlorophenol	9.25	196	623381	39.592	ng		96
46) 1,1'-Biphenyl	9.40	154	2182624	39.975	ng		99
47) 2-Chloronaphthalene	9.43	162	1778056	39.241	ng		98
48) 2-Nitroaniline	9.52	65	518034	36.483	ng		97
49) Acenaphthylene	9.85	152	2625610	39.790	ng		99
50) Dimethylphthalate	9.70	163	2057981	39.048	ng		100
51) 2,6-Dinitrotoluene	9.76	165	428538	36.312	ng		98
52) Acenaphthene	10.02	154	1645703	38.650	ng		99
53) 3-Nitroaniline	9.93	138	534179	37.518	ng		99
54) 2,4-Dinitrophenol	10.03	184	152787	37.763	ng	#	77
55) Dibenzofuran	10.19	168	2355559	39.535	ng		99
56) 4-Nitrophenol	10.07	139	409903	38.281	ng		97
57) 2,4-Dinitrotoluene	10.16	165	536151	35.415	ng		92
58) Fluorene	10.53	166	1744474	39.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	530486	40.530	ng		99
60) Diethylphthalate	10.40	149	2063706	39.816	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	909810	39.801	ng		98
62) 4-Nitroaniline	10.54	138	540343	38.558	ng		96
63) Azobenzene	10.69	77	1932061	39.356	ng		95
65) 4,6-Dinitro-2-methylphenol	10.57	198	217358	37.722	ng		92
66) n-Nitrosodiphenylamine	10.64	169	1643752	38.568	ng		100
67) 4-Bromophenyl-phenylether	11.02	248	616236	39.102	ng		96
68) Hexachlorobenzene	11.08	284	711064	39.057	ng		97
69) Atrazine	11.17	200	559830	39.861	ng		98
70) Pentachlorophenol	11.27	266	416424	40.917	ng		98
71) Phenanthrene	11.50	178	2683657	38.800	ng		100
72) Anthracene	11.55	178	2682864	38.987	ng		98
73) Carbazole	11.70	167	2495635	39.672	ng		99
74) Di-n-butylphthalate	12.03	149	3050707	39.882	ng		98
75) Fluoranthene	12.69	202	2819273	39.918	ng		97
77) Benzidine	12.80	184	1361272	37.751	ng		98
78) Pyrene	12.92	202	2844775	37.573	ng		99
80) Butylbenzylphthalate	13.54	149	1375494	39.331	ng		93
81) Benzo(a)anthracene	14.11	228	2432857	37.684	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	974273	40.406	ng		97
83) Chrysene	14.15	228	2410701	37.811	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	1755795	38.921	ng		99
85) Di-n-octyl phthalate	14.72	149	2761642	38.903	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1902289	32.057	ng		100
88) Benzo(b)fluoranthene	15.19	252	2296337	38.629	ng		99
89) Benzo(k)fluoranthene	15.22	252	2077600	39.186	ng		99
90) Benzo(a)pyrene	15.57	252	1974873	38.323	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1579780	34.182	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1505882	33.621	ng		99

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

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