Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108963.D
Acq On : 13 Sep 2018 14:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/14/2018 8:37:55 AM

Quant Time: Sep 13 15:35:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193450	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	760174	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	360214	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	679126	20.00	ng		0.00
75) Chrysene-d12	13.87	240	445091	20.00	ng		0.00
86) Perylene-d12	15.28	264	411478	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	909840	77.92	ng		0.00
7) Phenol-d6	6.37	99	1189016	79.14	ng		0.00
23) Nitrobenzene-d5	7.30	82	1085065	89.33	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	306296	89.07	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1773993	84.02	ng		0.00
78) Terphenyl-d14	12.82	244	1477896	77.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	213692	38.079	ng		92
3) Pyridine	3.11	79	591925	38.515	ng		91
4) n-Nitrosodimethylamine	3.06	42	227446	38.531	ng		89
6) Aniline	6.40	93	779659	38.583	ng		97
8) 2-Chlorophenol	6.52	128	521265	40.330	ng		95
9) Benzaldehyde	6.28	77	390367	36.624	ng		99
10) Phenol	6.38	94	654065	38.008	ng		80
11) bis(2-Chloroethyl)ether	6.47	93	523266	37.958	ng		96
12) 1,3-Dichlorobenzene	6.67	146	584763	39.646	ng		98
13) 1,4-Dichlorobenzene	6.75	146	585302	39.682	ng		99
14) 1,2-Dichlorobenzene	6.91	146	536939	39.494	ng		96
15) Benzyl Alcohol	6.88	79	449508	38.985	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	748573	36.327	ng		95
17) 2-Methylphenol	6.99	107	424385	38.853	ng		98
18) Hexachloroethane	7.25	117	214878	40.403	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	384030	36.772	ng		98
20) 3+4-Methylphenols	7.15	107	483323	37.773	ng	#	69
22) Acetophenone	7.14	105	663304	38.447	ng	#	90
24) Nitrobenzene	7.31	77	560453	43.001	ng		98
25) Isophorone	7.56	82	904210	37.319	ng		98
26) 2-Nitrophenol	7.63	139	271929	52.958	ng		99
27) 2,4-Dimethylphenol	7.67	122	413526	39.659	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	609504	37.625	ng		100
29) 2,4-Dichlorophenol	7.87	162	440043	40.928	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	462347	39.679	ng		96
31) Naphthalene	8.04	128	1356751	39.671	ng		99
32) Benzoic acid	7.81	122	326090	47.720	ng		99
33) 4-Chloroaniline	8.08	127	614295	39.109	ng		99
34) Hexachlorobutadiene	8.16	225	286904	41.216	ng		98
35) Caprolactam	8.47	113	137889	37.847	ng	#	78
36) 4-Chloro-3-methylphenol	8.57	107	448955	39.197	ng		99
37) 2-Methylnaphthalene	8.72	142	870438	38.525	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	440115	40.873	ng		98
40) Hexachlorocyclopentadiene	8.89	237	246211	45.451	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	310965	42.399	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	325390	42.800	ng		96
45) 1,1'-Biphenyl	9.19	154	1113430	40.150	ng		100
46) 2-Chloronaphthalene	9.21	162	909279	40.542	ng		100
47) 2-Nitroaniline	9.31	65	290355	47.390	ng		98
48) Acenaphthylene	9.62	152	1345058	40.234	ng		98
49) Dimethylphthalate	9.50	163	983972	39.055	ng		99
50) 2,6-Dinitrotoluene	9.55	165	230155	47.941	ng		95
51) Acenaphthene	9.80	154	834998	40.362	ng		100
52) 3-Nitroaniline	9.72	138	269930	47.234	ng		98
53) 2,4-Dinitrophenol	9.82	184	93307	56.058	ng	#	20
54) Dibenzofuran	9.97	168	1192471	39.544	ng		98
55) 4-Nitrophenol	9.88	139	206384	48.308	ng		91
56) 2,4-Dinitrotoluene	9.95	165	301698	49.140	ng	#	89
57) Fluorene	10.31	166	810631	41.889	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	268146	43.737	ng	#	87
59) Diethylphthalate	10.20	149	977158	37.583	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	430276	41.632	ng		93
61) 4-Nitroaniline	10.33	138	256807	49.605	ng		97
62) Azobenzene	10.47	77	1005652	37.471	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	138558	51.326	ng		87
65) n-Nitrosodiphenylamine	10.42	169	873612	38.690	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	297211	38.748	ng	#	84
67) Hexachlorobenzene	10.86	284	325731	39.781	ng		92
68) Atrazine	10.95	200	277781	38.429	ng		97
69) Pentachlorophenol	11.05	266	232156	46.375	ng		98
70) Phenanthrene	11.27	178	1270329	39.170	ng		99
71) Anthracene	11.32	178	1298598	41.821	ng		99
72) Carbazole	11.47	167	1279634	39.131	ng		100
73) Di-n-butylphthalate	11.81	149	1464456	40.327	ng		100
74) Fluoranthene	12.45	202	1324151	41.238	ng		98
76) Benzidine	12.57	184	756012	35.837	ng		99
77) Pyrene	12.68	202	1364338	39.836	ng		99
79) Butylbenzylphthalate	13.30	149	605528	39.261	ng		97
80) Benzo(a)anthracene	13.86	228	1061211	37.198	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	453585	40.808	ng		98
82) Chrysene	13.90	228	1062800	38.482	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	689082	35.552	ng		99
84) Di-n-octyl phthalate	14.47	149	1144566	35.420	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	885958	36.248	ng		94
87) Benzo(b)fluoranthene	14.88	252	886772	39.633	ng		97
88) Benzo(k)fluoranthene	14.91	252	847557m	41.134	ng		
89) Benzo(a)pyrene	15.22	252	807060	39.976	ng		100
90) Dibenzo(a,h)anthracene	16.65	278	728662	40.961	ng	#	96
91) Benzo(g,h,i)perylene	17.05	276	755729	42.429	ng		93

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

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