Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099661.D
Acq On : 19 Oct 2017 17:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/23/2017 3:15:48 PM

Quant Time: Oct 20 13:08:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98253	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	418008	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	193404	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	350555	20.00	ng		0.00
75) Chrysene-d12	13.99	240	248902	20.00	ng		-0.01
86) Perylene-d12	15.44	264	186257	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	515587	83.54	ng		-0.01
7) Phenol-d6	6.46	99	628150	82.50	ng		-0.02
23) Nitrobenzene-d5	7.39	82	512307	78.60	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	134567	85.03	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	973904	84.07	ng		-0.01
78) Terphenyl-d14	12.92	244	913114	83.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	117306	39.787	ng	#	91
3) Pyridine	3.33	79	301860	37.847	ng		91
4) n-Nitrosodimethylamine	3.30	42	112058	33.132	ng	#	75
6) Aniline	6.49	93	398394	38.769	ng		92
8) 2-Chlorophenol	6.61	128	292843	41.897	ng		92
9) Benzaldehyde	6.37	77	142315	32.223	ng		95
10) Phenol	6.48	94	364427	42.797	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	266548	40.265	ng		95
12) 1,3-Dichlorobenzene	6.76	146	311338	42.532	ng		97
13) 1,4-Dichlorobenzene	6.84	146	314454	42.222	ng		96
14) 1,2-Dichlorobenzene	6.99	146	286994	41.704	ng		96
15) Benzyl Alcohol	6.97	79	195469	34.995	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	336874	32.663	ng		80
17) 2-Methylphenol	7.08	107	227339	39.751	ng		98
18) Hexachloroethane	7.33	117	104501	39.037	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	169184	34.803	ng		93
20) 3+4-Methylphenols	7.23	107	274816	37.984	ng	#	69
22) Acetophenone	7.23	105	375564	37.083	ng	#	97
24) Nitrobenzene	7.41	77	283837	38.388	ng		93
25) Isophorone	7.65	82	501748	37.232	ng		98
26) 2-Nitrophenol	7.72	139	162762	45.776	ng		90
27) 2,4-Dimethylphenol	7.76	122	252927	37.667	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	326549	38.883	ng		100
29) 2,4-Dichlorophenol	7.97	162	242256	42.021	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	243083	42.158	ng		99
31) Naphthalene	8.12	128	805063	41.007	ng		99
32) Benzoic acid	7.92	122	205658	37.286	ng		96
33) 4-Chloroaniline	8.18	127	336814	41.083	ng	#	93
34) Hexachlorobutadiene	8.23	225	120692	40.638	ng		99
35) Caprolactam	8.56	113	77900m	42.124	ng		
36) 4-Chloro-3-methylphenol	8.66	107	260750	40.239	ng		96
37) 2-Methylnaphthalene	8.82	142	526040	41.217	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	241048	41.792	ng		98
40) Hexachlorocyclopentadiene	8.96	237	90371	34.285	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	160930	39.384	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	162554	39.852	ng		96
45) 1,1'-Biphenyl	9.28	154	683023	41.092	ng		98
46) 2-Chloronaphthalene	9.30	162	513995	41.185	ng		96
47) 2-Nitroaniline	9.41	65	144896	37.917	ng		87
48) Acenaphthylene	9.72	152	772138	40.416	ng		100
49) Dimethylphthalate	9.58	163	601700	41.221	ng		99
50) 2,6-Dinitrotoluene	9.65	165	138243	43.502	ng	#	80
51) Acenaphthene	9.89	154	459260	37.949	ng		99
52) 3-Nitroaniline	9.82	138	160928	43.431	ng		92
53) 2,4-Dinitrophenol	9.94	184	52858	35.448	ng	#	82
54) Dibenzofuran	10.06	168	629310	39.055	ng		99
55) 4-Nitrophenol	10.00	139	157798	50.363	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	168922	40.958	ng		97
57) Fluorene	10.40	166	551836	42.609	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	110909	39.361	ng		95
59) Diethylphthalate	10.27	149	560146	39.271	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	241776	41.559	ng		95
61) 4-Nitroaniline	10.44	138	153626	42.974	ng		87
62) Azobenzene	10.56	77	474802	36.203	ng		89
64) 4,6-Dinitro-2-methylphenol	10.47	198	94047	44.094	ng	#	71
65) n-Nitrosodiphenylamine	10.52	169	484255	39.875	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	139731	40.722	ng		96
67) Hexachlorobenzene	10.96	284	152715	41.670	ng	#	88
68) Atrazine	11.04	200	137001	37.495	ng		98
69) Pentachlorophenol	11.15	266	77096	33.801	ng		99
70) Phenanthrene	11.37	178	762945	40.659	ng		99
71) Anthracene	11.42	178	776046	40.420	ng		100
72) Carbazole	11.58	167	748176	39.794	ng		98
73) Di-n-butylphthalate	11.89	149	880780	38.920	ng		99
74) Fluoranthene	12.56	202	772796	40.672	ng		99
76) Benzidine	12.68	184	333604	36.238	ng		100
77) Pyrene	12.79	202	800626	42.183	ng		100
79) Butylbenzylphthalate	13.39	149	369745	41.451	ng		92
80) Benzo(a)anthracene	13.97	228	621558	41.240	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	207080	37.480	ng		98
82) Chrysene	14.02	228	594508	41.432	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	497454	40.501	ng		99
84) Di-n-octyl phthalate	14.56	149	854610	43.212	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	424860	37.014	ng		97
87) Benzo(b)fluoranthene	15.02	252	494705	43.199	ng		97
88) Benzo(k)fluoranthene	15.05	252	477276	42.196	ng		99
89) Benzo(a)pyrene	15.39	252	435518	41.431	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	349088	41.496	ng		98
91) Benzo(g,h,i)perylene	17.36	276	366595	44.084	ng		96

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

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