Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098913.D
Acq On : 28 Sep 2017 18:07
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/29/2017 6:04:22 PM

Quant Time: Sep 29 01:41:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160597	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	679453	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	311834	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	546238	20.00	ng		0.00
75) Chrysene-d12	14.09	240	386493	20.00	ng		0.00
86) Perylene-d12	15.58	264	314110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	797102	79.01	ng		0.00
7) Phenol-d6	6.55	99	990120	79.56	ng		0.00
23) Nitrobenzene-d5	7.49	82	854437	80.65	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	202046	79.18	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1458226	78.07	ng		0.00
78) Terphenyl-d14	13.03	244	1360137	80.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	186851	38.773	ng		99
3) Pyridine	3.50	79	525604	40.318	ng		99
4) n-Nitrosodimethylamine	3.46	42	219406	39.689	ng		92
6) Aniline	6.59	93	660481	39.322	ng		99
8) 2-Chlorophenol	6.70	128	449146	39.314	ng		99
9) Benzaldehyde	6.47	77	268126	37.141	ng		98
10) Phenol	6.56	94	554028	39.805	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	428247	39.578	ng		98
12) 1,3-Dichlorobenzene	6.86	146	469512	39.241	ng		98
13) 1,4-Dichlorobenzene	6.93	146	476910	39.176	ng		99
14) 1,2-Dichlorobenzene	7.09	146	439970	39.115	ng		97
15) Benzyl Alcohol	7.06	79	362565	39.712	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	666642	39.544	ng		99
17) 2-Methylphenol	7.16	107	368555	39.426	ng		98
18) Hexachloroethane	7.43	117	171243	39.136	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	297322	37.419	ng		97
20) 3+4-Methylphenols	7.32	107	449729	38.029	ng	#	81
22) Acetophenone	7.33	105	613080	37.242	ng		99
24) Nitrobenzene	7.50	77	475691	39.580	ng		97
25) Isophorone	7.74	82	858608	39.197	ng		99
26) 2-Nitrophenol	7.82	139	249250	43.127	ng		96
27) 2,4-Dimethylphenol	7.85	122	418978	38.387	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	533439	39.077	ng		100
29) 2,4-Dichlorophenol	8.06	162	370155	39.500	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	365792	39.028	ng		98
31) Naphthalene	8.22	128	1231352	38.587	ng		99
32) Benzoic acid	7.98	122	295184	32.924	ng		99
33) 4-Chloroaniline	8.27	127	527239	39.564	ng		99
34) Hexachlorobutadiene	8.33	225	185379	38.401	ng		98
35) Caprolactam	8.66	113	116626	38.798	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	412075	39.123	ng		98
37) 2-Methylnaphthalene	8.92	142	800781	38.601	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	358688	38.570	ng		99
40) Hexachlorocyclopentadiene	9.06	237	153544	36.128	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	254233	38.589	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	262465	39.908	ng		99
45) 1,1'-Biphenyl	9.38	154	1013769	37.827	ng		99
46) 2-Chloronaphthalene	9.40	162	774573	38.493	ng		99
47) 2-Nitroaniline	9.50	65	253251	41.103	ng		97
48) Acenaphthylene	9.82	152	1181453	38.354	ng		99
49) Dimethylphthalate	9.68	163	919057	39.050	ng		100
50) 2,6-Dinitrotoluene	9.74	165	209354	40.859	ng		99
51) Acenaphthene	9.99	154	763337	39.120	ng		100
52) 3-Nitroaniline	9.91	138	248541	41.601	ng		98
53) 2,4-Dinitrophenol	10.02	184	99074	40.262	ng		98
54) Dibenzofuran	10.16	168	993848	38.254	ng		98
55) 4-Nitrophenol	10.06	139	198711	39.335	ng		100
56) 2,4-Dinitrotoluene	10.15	165	278302	41.851	ng		96
57) Fluorene	10.51	166	805751	38.586	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	177249	39.015	ng		97
59) Diethylphthalate	10.37	149	885396	38.500	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	361955	38.587	ng		95
61) 4-Nitroaniline	10.53	138	238120	41.312	ng		98
62) Azobenzene	10.66	77	817643	38.667	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	141132	42.465	ng		85
65) n-Nitrosodiphenylamine	10.62	169	731339	38.647	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	208002	38.902	ng		98
67) Hexachlorobenzene	11.06	284	222425	38.950	ng		97
68) Atrazine	11.14	200	218300	38.342	ng		98
69) Pentachlorophenol	11.25	266	136742	38.475	ng		99
70) Phenanthrene	11.47	178	1111753	38.023	ng		99
71) Anthracene	11.52	178	1152764	38.533	ng		100
72) Carbazole	11.67	167	1132548	38.658	ng		99
73) Di-n-butylphthalate	12.00	149	1369636	38.840	ng		100
74) Fluoranthene	12.66	202	1123666	37.952	ng		98
76) Benzidine	12.77	184	554311	38.776	ng		100
77) Pyrene	12.89	202	1159010	39.326	ng		99
79) Butylbenzylphthalate	13.50	149	585568	42.276	ng		97
80) Benzo(a)anthracene	14.07	228	919646	39.296	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	331853	38.681	ng		98
82) Chrysene	14.12	228	866479	38.889	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	802606	42.083	ng	#	100
84) Di-n-octyl phthalate	14.67	149	1318697	42.940	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	678033	38.042	ng		96
87) Benzo(b)fluoranthene	15.14	252	811989m	42.044	ng		
88) Benzo(k)fluoranthene	15.17	252	699575	36.674	ng		99
89) Benzo(a)pyrene	15.52	252	695189	39.215	ng	#	96
90) Dibenzo(a,h)anthracene	17.12	278	567893	40.028	ng		98
91) Benzo(g,h,i)perylene	17.56	276	552350	39.386	ng		98

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

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