Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100770.D
Acq On : 21 Nov 2017 10:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
11/21/2017 2:17:37 PM

Quant Time: Nov 21 12:30:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88640	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	345540	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	148158	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	232692	20.00	ng		0.00
75) Chrysene-d12	14.04	240	191128	20.00	ng		0.00
86) Perylene-d12	15.50	264	150819	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	448378	81.09	ng		0.00
7) Phenol-d6	6.50	99	534654	78.41	ng		0.00
23) Nitrobenzene-d5	7.44	82	474361	90.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	117913	78.10	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	900195	92.52	ng		0.00
78) Terphenyl-d14	12.98	244	659196	79.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	101622	37.711	ng		98
3) Pyridine	3.42	79	265107	36.059	ng		92
4) n-Nitrosodimethylamine	3.38	42	122980	34.453	ng		98
6) Aniline	6.54	93	354817	36.832	ng		99
8) 2-Chlorophenol	6.66	128	240570	41.124	ng		98
9) Benzaldehyde	6.43	77	169179	34.742	ng		93
10) Phenol	6.52	94	278684	38.932	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	227336	37.810	ng		97
12) 1,3-Dichlorobenzene	6.82	146	281163	41.688	ng		97
13) 1,4-Dichlorobenzene	6.89	146	284925	41.740	ng		97
14) 1,2-Dichlorobenzene	7.05	146	262522	41.595	ng		97
15) Benzyl Alcohol	7.02	79	204844	38.492	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	336358	34.977	ng		99
17) 2-Methylphenol	7.12	107	199355	39.878	ng		97
18) Hexachloroethane	7.39	117	78714	34.973	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	175397	37.091	ng		97
20) 3+4-Methylphenols	7.27	107	244587	38.664	ng		92
22) Acetophenone	7.29	105	332880	39.507	ng	#	98
24) Nitrobenzene	7.46	77	241470	44.888	ng		99
25) Isophorone	7.70	82	411586	37.475	ng		98
26) 2-Nitrophenol	7.77	139	110290	44.207	ng	#	87
27) 2,4-Dimethylphenol	7.80	122	190414	38.675	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	281630	39.202	ng		98
29) 2,4-Dichlorophenol	8.01	162	199911	42.533	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	219417	43.157	ng		95
31) Naphthalene	8.18	128	680918	40.913	ng		100
32) Benzoic acid	7.92	122	82002	26.875	ng		96
33) 4-Chloroaniline	8.23	127	283898	40.980	ng		97
34) Hexachlorobutadiene	8.29	225	130805	43.271	ng		99
35) Caprolactam	8.61	113	58187	36.074	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	196909	39.007	ng		98
37) 2-Methylnaphthalene	8.87	142	443569	40.144	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237404	48.315	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	20403	8.823	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	138777	44.563	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	143906	44.601	ng	#	91
45) 1,1'-Biphenyl	9.33	154	585883	45.722	ng		97
46) 2-Chloronaphthalene	9.36	162	416052	44.755	ng		95
47) 2-Nitroaniline	9.46	65	124436	45.458	ng		91
48) Acenaphthylene	9.77	152	641631	41.648	ng		99
49) Dimethylphthalate	9.63	163	502685	44.438	ng		99
50) 2,6-Dinitrotoluene	9.70	165	100051	44.682	ng	#	85
51) Acenaphthene	9.95	154	372986	39.808	ng		98
52) 3-Nitroaniline	9.87	138	119802	45.309	ng		89
53) 2,4-Dinitrophenol	9.97	184	4773	14.291	ng	#	17
54) Dibenzofuran	10.12	168	534866	40.730	ng		98
55) 4-Nitrophenol	10.02	139	69288	32.272	ng		92
56) 2,4-Dinitrotoluene	10.10	165	122802	43.473	ng	#	87
57) Fluorene	10.46	166	405332	42.134	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97551	36.890	ng	#	84
59) Diethylphthalate	10.33	149	481633	42.546	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	212564	45.042	ng		91
61) 4-Nitroaniline	10.48	138	106859	42.621	ng		86
62) Azobenzene	10.61	77	383180	35.939	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	12006	16.964	ng		87
65) n-Nitrosodiphenylamine	10.57	169	404830	50.035	ng		94
66) 4-Bromophenyl-phenylether	10.94	248	124207	49.794	ng	#	86
67) Hexachlorobenzene	11.01	284	118658	45.482	ng	#	83
68) Atrazine	11.09	200	111469	45.513	ng		97
69) Pentachlorophenol	11.20	266	81219	43.416	ng		98
70) Phenanthrene	11.42	178	511967	41.788	ng		98
71) Anthracene	11.47	178	517127	41.604	ng		99
72) Carbazole	11.63	167	457026	39.849	ng		99
73) Di-n-butylphthalate	11.95	149	646819	48.192	ng		98
74) Fluoranthene	12.61	202	496055	38.204	ng		97
76) Benzidine	12.73	184	289643	37.841	ng		99
77) Pyrene	12.84	202	516988	37.946	ng		99
79) Butylbenzylphthalate	13.45	149	226866	40.831	ng		91
80) Benzo(a)anthracene	14.03	228	489571	42.536	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	186757	45.288	ng	#	98
82) Chrysene	14.06	228	453804	40.716	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	329773	45.126	ng		99
84) Di-n-octyl phthalate	14.62	149	580504	46.240	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	317121	35.177	ng		94
87) Benzo(b)fluoranthene	15.07	252	408840	45.756	ng		99
88) Benzo(k)fluoranthene	15.11	252	380309m	45.047	ng		
89) Benzo(a)pyrene	15.44	252	339647	42.877	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	271993	41.986	ng	#	96
91) Benzo(g,h,i)perylene	17.44	276	255644	40.313	ng	#	92

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

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