Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099721.D
Acq On : 21 Oct 2017 12:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/23/2017 3:31:15 PM

Quant Time: Oct 22 00:59:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97340	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	414150	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	191758	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	346596	20.00	ng		0.00
75) Chrysene-d12	13.99	240	235653	20.00	ng		0.00
86) Perylene-d12	15.44	264	174286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	525260	85.90	ng		0.00
7) Phenol-d6	6.46	99	633166	83.94	ng		0.00
23) Nitrobenzene-d5	7.39	82	512437	79.35	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	136897	87.25	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	984284	85.69	ng		0.00
78) Terphenyl-d14	12.92	244	925028	89.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	117061	40.077	ng	#	90
3) Pyridine	3.32	79	289356	36.620	ng		89
4) n-Nitrosodimethylamine	3.29	42	108703	32.442	ng	#	75
6) Aniline	6.49	93	404607	39.743	ng		97
8) 2-Chlorophenol	6.60	128	294203	42.486	ng		92
9) Benzaldehyde	6.37	77	140767	32.171	ng		90
10) Phenol	6.47	94	366300	43.420	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	265446	40.475	ng		93
12) 1,3-Dichlorobenzene	6.76	146	311184m	42.910	ng		
13) 1,4-Dichlorobenzene	6.83	146	313815	42.531	ng		97
14) 1,2-Dichlorobenzene	6.99	146	288281	42.284	ng		97
15) Benzyl Alcohol	6.96	79	194346	35.120	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	329331	32.231	ng		76
17) 2-Methylphenol	7.07	107	231336	40.829	ng		98
18) Hexachloroethane	7.32	117	104436	39.378	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	167708	34.823	ng		91
20) 3+4-Methylphenols	7.23	107	273952	38.220	ng	#	64
22) Acetophenone	7.23	105	375919	37.464	ng	#	98
24) Nitrobenzene	7.40	77	281235	38.390	ng		94
25) Isophorone	7.65	82	512283	38.368	ng		97
26) 2-Nitrophenol	7.72	139	168236	47.757	ng	#	82
27) 2,4-Dimethylphenol	7.76	122	258158	38.804	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	331861	39.884	ng		99
29) 2,4-Dichlorophenol	7.96	162	246705	43.191	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	244277	42.759	ng		99
31) Naphthalene	8.12	128	810693	41.679	ng		100
32) Benzoic acid	7.92	122	209249	38.290	ng		94
33) 4-Chloroaniline	8.17	127	342849	42.208	ng	#	95
34) Hexachlorobutadiene	8.23	225	122479	41.624	ng		99
35) Caprolactam	8.56	113	78838m	43.028	ng		
36) 4-Chloro-3-methylphenol	8.66	107	261775	40.774	ng		91
37) 2-Methylnaphthalene	8.81	142	529529	41.877	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	246206	43.052	ng		98
40) Hexachlorocyclopentadiene	8.96	237	98008	37.501	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	163763	40.422 ng		99
43) 2,4,5-Trichlorophenol	9.14	196	167806	41.492 ng	#	92
45) 1,1'-Biphenyl	9.27	154	691424	41.954 ng		98
46) 2-Chloronaphthalene	9.30	162	527382	42.621 ng		95
47) 2-Nitroaniline	9.40	65	145954	38.522 ng		91
48) Acenaphthylene	9.72	152	777208	41.030 ng		100
49) Dimethylphthalate	9.57	163	612282	42.306 ng		100
50) 2,6-Dinitrotoluene	9.65	165	139946	44.416 ng		90
51) Acenaphthene	9.89	154	469827	39.155 ng		99
52) 3-Nitroaniline	9.82	138	162631	44.267 ng		87
53) 2,4-Dinitrophenol	9.93	184	55996	37.476 ng		87
54) Dibenzofuran	10.06	168	632315	39.578 ng		99
55) 4-Nitrophenol	9.99	139	122593	39.463 ng		85
56) 2,4-Dinitrotoluene	10.06	165	164601	40.253 ng	#	96
57) Fluorene	10.40	166	556123	43.308 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	113954	40.789 ng		96
59) Diethylphthalate	10.27	149	574828	40.647 ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	249491	43.253 ng		97
61) 4-Nitroaniline	10.44	138	153550	43.322 ng		87
62) Azobenzene	10.55	77	477605	36.730 ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	96265	45.650 ng		82
65) n-Nitrosodiphenylamine	10.52	169	497013	41.393 ng		98
66) 4-Bromophenyl-phenylether	10.88	248	143613	42.331 ng	#	89
67) Hexachlorobenzene	10.95	284	155421	42.893 ng		93
68) Atrazine	11.04	200	139549	38.629 ng		98
69) Pentachlorophenol	11.15	266	74862m	33.197 ng		
70) Phenanthrene	11.36	178	772222	41.624 ng		99
71) Anthracene	11.42	178	789607	41.596 ng		100
72) Carbazole	11.57	167	757730	40.762 ng		99
73) Di-n-butylphthalate	11.89	149	895343	40.015 ng		98
74) Fluoranthene	12.56	202	775997	41.307 ng		98
76) Benzidine	12.67	184	318901	36.588 ng		100
77) Pyrene	12.79	202	795444	44.267 ng		99
79) Butylbenzylphthalate	13.39	149	373720	44.252 ng		95
80) Benzo(a)anthracene	13.97	228	610983	42.818 ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	192341	36.770 ng	#	98
82) Chrysene	14.01	228	580609	42.739 ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	494458	42.521 ng	#	99
84) Di-n-octyl phthalate	14.55	149	820930	43.842 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	442688	40.736 ng		98
87) Benzo(b)fluoranthene	15.02	252	489999	45.727 ng		97
88) Benzo(k)fluoranthene	15.04	252	437239	41.311 ng		99
89) Benzo(a)pyrene	15.38	252	417772	42.472 ng	#	96
90) Dibenzo(a,h)anthracene	16.92	278	357842	45.458 ng		97
91) Benzo(g,h,i)perylene	17.36	276	373643m	48.018 ng		

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

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