Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099693.D
Acq On : 20 Oct 2017 11:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/23/2017 3:26:09 PM

Quant Time: Oct 21 23:57:21 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	103624	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	428391	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	193861	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	341575	20.00	ng		0.00
75) Chrysene-d12	13.98	240	239172	20.00	ng		0.00
86) Perylene-d12	15.44	264	177495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	543775	83.54	ng		0.00
7) Phenol-d6	6.46	99	646856	80.55	ng		0.00
23) Nitrobenzene-d5	7.39	82	517861	77.52	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	134521	84.80	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	988872	85.16	ng		0.00
78) Terphenyl-d14	12.92	244	906607	86.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	122283	39.326	ng		91
3) Pyridine	3.33	79	315813	37.544	ng		91
4) n-Nitrosodimethylamine	3.29	42	114137	31.998	ng	#	78
6) Aniline	6.49	93	410063	37.836	ng		98
8) 2-Chlorophenol	6.60	128	306703	41.606	ng		93
9) Benzaldehyde	6.37	77	146562	31.464	ng		92
10) Phenol	6.47	94	374594	41.711	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	276207	39.561	ng		93
12) 1,3-Dichlorobenzene	6.76	146	325209	42.124	ng		96
13) 1,4-Dichlorobenzene	6.83	146	329450	41.942	ng		97
14) 1,2-Dichlorobenzene	6.99	146	299602	41.280	ng		97
15) Benzyl Alcohol	6.96	79	194121	32.952	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	347332	31.931	ng		73
17) 2-Methylphenol	7.07	107	233699	38.745	ng		98
18) Hexachloroethane	7.32	117	111402	39.458	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	172660	33.677	ng		91
20) 3+4-Methylphenols	7.23	107	278234	36.463	ng	#	69
22) Acetophenone	7.23	105	378635	36.480	ng	#	99
24) Nitrobenzene	7.40	77	287485	37.939	ng		95
25) Isophorone	7.65	82	516776	37.418	ng		97
26) 2-Nitrophenol	7.72	139	167464	45.957	ng		90
27) 2,4-Dimethylphenol	7.76	122	257564	37.428	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	338466	39.325	ng		98
29) 2,4-Dichlorophenol	7.96	162	247495	41.889	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	250864	42.453	ng		98
31) Naphthalene	8.12	128	823158	40.913	ng		100
32) Benzoic acid	7.92	122	212556	37.603	ng		94
33) 4-Chloroaniline	8.17	127	340727	40.553	ng		95
34) Hexachlorobutadiene	8.23	225	126167	41.452	ng		100
35) Caprolactam	8.56	113	75855m	40.024	ng		
36) 4-Chloro-3-methylphenol	8.66	107	258547	38.932	ng		92
37) 2-Methylnaphthalene	8.81	142	529002	40.445	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	249452	43.147	ng		98
40) Hexachlorocyclopentadiene	8.96	237	97372	36.854	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	163118	39.826	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	165390	40.451	ng	#	93
45) 1,1'-Biphenyl	9.27	154	689866	41.406	ng		98
46) 2-Chloronaphthalene	9.30	162	514463	41.126	ng		98
47) 2-Nitroaniline	9.40	65	140691	36.730	ng		90
48) Acenaphthylene	9.72	152	759661	39.669	ng		100
49) Dimethylphthalate	9.57	163	603501	41.247	ng		99
50) 2,6-Dinitrotoluene	9.65	165	136447	42.835	ng	#	86
51) Acenaphthene	9.89	154	457040	37.677	ng		99
52) 3-Nitroaniline	9.82	138	156865	42.234	ng	#	86
53) 2,4-Dinitrophenol	9.93	184	52254	35.041	ng	#	85
54) Dibenzofuran	10.06	168	625959	38.756	ng		100
55) 4-Nitrophenol	9.99	139	141655	45.105	ng		82
56) 2,4-Dinitrotoluene	10.06	165	163336	39.510	ng		93
57) Fluorene	10.40	166	543413	41.859	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	112016	39.660	ng		94
59) Diethylphthalate	10.27	149	563392	39.406	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	243966	41.836	ng		97
61) 4-Nitroaniline	10.44	138	143493	40.045	ng		83
62) Azobenzene	10.55	77	467498	35.562	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	93788	45.129	ng	#	73
65) n-Nitrosodiphenylamine	10.51	169	482821	40.802	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	142739	42.692	ng	#	89
67) Hexachlorobenzene	10.95	284	151124	42.320	ng	#	92
68) Atrazine	11.04	200	142898	40.137	ng		99
69) Pentachlorophenol	11.15	266	77574	34.905	ng		98
70) Phenanthrene	11.36	178	750877	41.068	ng		98
71) Anthracene	11.42	178	770598	41.192	ng		99
72) Carbazole	11.57	167	735165	40.130	ng		99
73) Di-n-butylphthalate	11.89	149	890888	40.401	ng		98
74) Fluoranthene	12.55	202	754607	40.758	ng		99
76) Benzidine	12.67	184	289341	32.708	ng		98
77) Pyrene	12.79	202	772905	42.379	ng		99
79) Butylbenzylphthalate	13.39	149	372271	43.432	ng		95
80) Benzo(a)anthracene	13.97	228	594921	41.079	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	196764	37.062	ng		99
82) Chrysene	14.01	228	560352	40.641	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	506834	42.944	ng		99
84) Di-n-octyl phthalate	14.55	149	829374	43.642	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	433240	39.280	ng		97
87) Benzo(b)fluoranthene	15.02	252	433220m	39.697	ng		
88) Benzo(k)fluoranthene	15.04	252	450060	41.754	ng		99
89) Benzo(a)pyrene	15.38	252	402471	40.177	ng	#	97
90) Dibenzo(a,h)anthracene	16.92	278	354937	44.274	ng		97
91) Benzo(g,h,i)perylene	17.36	276	376305	47.486	ng		98

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

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