Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095895.D
Acq On : 13 Jun 2017 15:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:33 PM

Quant Time: Jun 14 04:24:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	74063	20.00	ng		-0.05
21) Naphthalene-d8	9.39	136	308652	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	145135	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	259438	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	208965	20.00	ng		-0.04
86) Perylene-d12	19.99	264	157128	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	387004	83.26	ng		-0.05
7) Phenol-d6	6.92	99	462338	83.09	ng		-0.04
23) Nitrobenzene-d5	8.28	82	404777	81.45	ng		-0.04
41) 2,4,6-Tribromophenol	13.50	330	105550	82.20	ng		-0.05
44) 2-Fluorobiphenyl	11.17	172	805254	77.21	ng		-0.05
78) Terphenyl-d14	16.98	244	708643	84.16	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	88452	40.00	ng		89
3) Pyridine	2.20	79	190279	36.62	ng		96
4) n-Nitrosodimethylamine	2.17	42	74193	37.55	ng	#	77
6) Aniline	6.85	93	295856	40.64	ng		96
8) 2-Chlorophenol	7.04	128	207525	41.99	ng		95
9) Benzaldehyde	6.66	77	137891	36.74	ng		96
10) Phenol	6.93	94	249384	43.20	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	196849	43.05	ng		96
12) 1,3-Dichlorobenzene	7.25	146	228039	40.77	ng		99
13) 1,4-Dichlorobenzene	7.38	146	234450	41.33	ng		97
14) 1,2-Dichlorobenzene	7.61	146	223130	42.67	ng		97
15) Benzyl Alcohol	7.66	79	155854	40.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.85	45	265909	41.39	ng		96
17) 2-Methylphenol	7.89	107	175671	42.36	ng		97
18) Hexachloroethane	8.13	117	80672	43.06	ng	#	85
19) n-Nitroso-di-n-propylamine	8.09	70	152096	43.13	ng		92
20) 3+4-Methylphenols	8.15	107	229059	43.51	ng	#	58
22) Acetophenone	8.05	105	298235	41.28	ng	#	83
24) Nitrobenzene	8.30	77	211509	39.84	ng		92
25) Isophorone	8.71	82	378596	40.80	ng		96
26) 2-Nitrophenol	8.82	139	115444	41.53	ng		99
27) 2,4-Dimethylphenol	8.96	122	180412	41.82	ng		99
28) bis(2-Chloroethoxy)methane	9.09	93	254283	41.57	ng		97
29) 2,4-Dichlorophenol	9.25	162	168656	40.59	ng		100
30) 1,2,4-Trichlorobenzene	9.32	180	175874	40.68	ng		100
31) Naphthalene	9.42	128	626349	40.44	ng		99
32) Benzoic acid	9.35	122	89982	34.93	ng		95
33) 4-Chloroaniline	9.57	127	254359	42.01	ng		93
34) Hexachlorobutadiene	9.64	225	92544	41.43	ng		98
35) Caprolactam	10.22	113	55000m	44.49	ng		
36) 4-Chloro-3-methylphenol	10.45	107	183249	42.13	ng		89
37) 2-Methylnaphthalene	10.54	142	430201	41.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	173120	39.86	ng		99
40) Hexachlorocyclopentadiene	10.80	237	45497	39.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	111106	39.78	ng		99
43) 2,4,5-Trichlorophenol	11.15	196	112371	37.83	ng		94
45) 1,1'-Biphenyl	11.32	154	477065	39.88	ng		97
46) 2-Chloronaphthalene	11.33	162	370737	39.67	ng		94
47) 2-Nitroaniline	11.55	65	110216	40.30	ng	#	84
48) Acenaphthylene	11.98	152	616469	38.57	ng		99
49) Dimethylphthalate	11.87	163	433272	39.32	ng		98
50) 2,6-Dinitrotoluene	11.97	165	94428	39.29	ng	#	74
51) Acenaphthene	12.26	154	364942	39.54	ng		99
52) 3-Nitroaniline	12.23	138	112695	40.24	ng		88
53) 2,4-Dinitrophenol	12.47	184	45502	37.20	ng	#	66
54) Dibenzofuran	12.55	168	514990	39.64	ng		97
55) 4-Nitrophenol	12.67	139	48094	32.34	ng	#	75
56) 2,4-Dinitrotoluene	12.64	165	138838	42.77	ng		93
57) Fluorene	13.10	166	451384	39.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.80	232	80504	39.61	ng	#	96
59) Diethylphthalate	13.02	149	430494	40.59	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	199939	40.67	ng		90
61) 4-Nitroaniline	13.24	138	105700	40.43	ng		97
62) Azobenzene	13.39	77	380479	39.59	ng		95
64) 4,6-Dinitro-2-methylphenol	13.31	198	66438	38.96	ng	#	70
65) n-Nitrosodiphenylamine	13.34	169	371528	39.85	ng		98
66) 4-Bromophenyl-phenylether	13.91	248	109035	40.44	ng		96
67) Hexachlorobenzene	13.99	284	111355	41.91	ng	#	88
68) Atrazine	14.27	200	109500	42.21	ng		97
69) Pentachlorophenol	14.36	266	28540m	32.59	ng		
70) Phenanthrene	14.64	178	609045	40.69	ng		98
71) Anthracene	14.73	178	640454	40.98	ng		98
72) Carbazole	15.03	167	641730	42.14	ng		97
73) Di-n-butylphthalate	15.62	149	701946	43.32	ng		98
74) Fluoranthene	16.42	202	638498	43.09	ng		99
76) Benzidine	16.65	184	266092	33.16	ng	#	93
77) Pyrene	16.72	202	646262	41.45	ng		99
79) Butylbenzylphthalate	17.64	149	289028	42.44	ng		89
80) Benzo(a)anthracene	18.31	228	499899	41.15	ng		98
81) 3,3'-Dichlorobenzidine	18.30	252	168977	39.12	ng	#	95
82) Chrysene	18.36	228	488750	40.25	ng		98
83) Bis(2-ethylhexyl)phthalate	18.39	149	404034	42.06	ng	#	99
84) Di-n-octyl phthalate	19.16	149	630967	39.86	ng		96
85) Indeno(1,2,3-cd)pyrene	21.16	276	356775	34.34	ng		99
87) Benzo(b)fluoranthene	19.58	252	423937	43.09	ng		98
88) Benzo(k)fluoranthene	19.61	252	402973	42.85	ng		95
89) Benzo(a)pyrene	19.93	252	374971	41.46	ng		99
90) Dibenzo(a,h)anthracene	21.16	278	306118	39.91	ng		97
91) Benzo(g,h,i)perylene	21.48	276	309382	39.56	ng		97

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

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