Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097426.D
Acq On : 7 Aug 2017 13:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/9/2017 7:55:45 PM

Quant Time: Aug 07 16:01:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	114541m	20.00	ng		-0.09
21) Naphthalene-d8	7.70	136	520280	20.00	ng		-0.09
38) Acenaphthene-d10	9.44	164	200016	20.00	ng		-0.09
63) Phenanthrene-d10	10.92	188	346690	20.00	ng		-0.09
75) Chrysene-d12	13.54	240	202552	20.00	ng		-0.09
86) Perylene-d12	14.87	264	177133	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	568836	74.87	ng		-0.09
7) Phenol-d6	6.09	99	694183	80.03	ng		-0.08
23) Nitrobenzene-d5	6.99	82	699567	78.88	ng		-0.08
41) 2,4,6-Tribromophenol	10.23	330	134948	85.39	ng		-0.09
44) 2-Fluorobiphenyl	8.77	172	1046280	88.77	ng		-0.09
78) Terphenyl-d14	12.50	244	842062	84.76	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	131085	41.342	ng	#	75
3) Pyridine	2.49	79	357314	36.801	ng	#	61
4) n-Nitrosodimethylamine	2.46	42	196419	36.517	ng		79
6) Aniline	6.07	93	457582	41.921	ng		94
8) 2-Chlorophenol	6.20	128	328838	40.475	ng		93
9) Benzaldehyde	5.96	77	236245	46.013	ng		93
10) Phenol	6.10	94	418910	40.715	ng		97
11) bis(2-Chloroethyl)ether	6.16	93	336465	41.347	ng		91
12) 1,3-Dichlorobenzene	6.35	146	361374m	41.274	ng		
13) 1,4-Dichlorobenzene	6.43	146	359853	41.472	ng		95
14) 1,2-Dichlorobenzene	6.58	146	282175	37.245	ng		99
15) Benzyl Alcohol	6.58	79	225487	41.058	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	591975	36.269	ng		56
17) 2-Methylphenol	6.71	107	230909m	36.825	ng		
18) Hexachloroethane	6.92	117	123724	38.976	ng	#	79
19) n-Nitroso-di-n-propylamine	6.85	70	224068m	39.244	ng		
20) 3+4-Methylphenols	6.86	107	330620	40.371	ng	#	61
22) Acetophenone	6.84	105	426302	34.120	ng	#	97
24) Nitrobenzene	7.01	77	378210	40.947	ng		94
25) Isophorone	7.25	82	704325	40.552	ng		99
26) 2-Nitrophenol	7.33	139	205337	41.090	ng	#	90
27) 2,4-Dimethylphenol	7.39	122	320126	38.834	ng		97
28) bis(2-Chloroethoxy)methane	7.47	93	471081	41.562	ng		99
29) 2,4-Dichlorophenol	7.58	162	294035	41.405	ng		97
30) 1,2,4-Trichlorobenzene	7.65	180	267853	39.571	ng		98
31) Naphthalene	7.72	128	981913	40.037	ng		100
32) Benzoic acid	7.57	122	231814	37.660	ng		97
33) 4-Chloroaniline	7.78	127	408776	40.962	ng		99
34) Hexachlorobutadiene	7.84	225	141992	39.568	ng		99
35) Caprolactam	8.17	113	87386m	38.375	ng		
36) 4-Chloro-3-methylphenol	8.29	107	285874	36.899	ng		89
37) 2-Methylnaphthalene	8.41	142	589041	37.933	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	233149	43.686	ng		99
40) Hexachlorocyclopentadiene	8.56	237	79610	45.734	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	158366	40.948	ng		94
43) 2,4,5-Trichlorophenol	8.75	196	164312	42.446	ng		98
45) 1,1'-Biphenyl	8.87	154	701171	41.042	ng		98
46) 2-Chloronaphthalene	8.90	162	513883	40.875	ng		96
47) 2-Nitroaniline	9.00	65	199006	43.617	ng		97
48) Acenaphthylene	9.30	152	824151	42.709	ng		98
49) Dimethylphthalate	9.19	163	627962	41.344	ng		99
50) 2,6-Dinitrotoluene	9.25	165	133093	41.315	ng	#	76
51) Acenaphthene	9.47	154	464587	40.873	ng		99
52) 3-Nitroaniline	9.42	138	163496	40.888	ng		86
53) 2,4-Dinitrophenol	9.55	184	72770	49.681	ng	#	78
54) Dibenzofuran	9.65	168	637382	42.099	ng		95
55) 4-Nitrophenol	9.62	139	94212m	39.620	ng		
56) 2,4-Dinitrotoluene	9.66	165	170171	45.951	ng	#	88
57) Fluorene	9.99	166	517768	45.501	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	109774	41.070	ng		96
59) Diethylphthalate	9.89	149	603867	43.335	ng		99
60) 4-Chlorophenyl-phenylether	9.99	204	215818	45.929	ng		93
61) 4-Nitroaniline	10.03	138	163882	43.133	ng		93
62) Azobenzene	10.15	77	546493	42.275	ng		92
64) 4,6-Dinitro-2-methylphenol	10.07	198	93278	43.298	ng		90
65) n-Nitrosodiphenylamine	10.11	169	480635	39.845	ng		98
66) 4-Bromophenyl-phenylether	10.47	248	144645	41.807	ng		97
67) Hexachlorobenzene	10.54	284	152868	39.400	ng	#	92
68) Atrazine	10.64	200	134540	38.895	ng		93
69) Pentachlorophenol	10.74	266	78921	49.162	ng		99
70) Phenanthrene	10.94	178	713606	38.416	ng		99
71) Anthracene	10.99	178	737898	38.784	ng		98
72) Carbazole	11.15	167	724193	38.704	ng		98
73) Di-n-butylphthalate	11.49	149	942244	40.738	ng		99
74) Fluoranthene	12.12	202	690060	37.920	ng		99
76) Benzidine	12.24	184	221475	29.468	ng		95
77) Pyrene	12.34	202	732601	44.180	ng		100
79) Butylbenzylphthalate	12.97	149	399701	47.386	ng	#	83
80) Benzo(a)anthracene	13.53	228	530239	40.458	ng		99
81) 3,3'-Dichlorobenzidine	13.50	252	209578	42.405	ng	#	96
82) Chrysene	13.56	228	545639	42.636	ng		99
83) Bis(2-ethylhexyl)phthalate	13.54	149	486863	44.207	ng		99
84) Di-n-octyl phthalate	14.14	149	837009	41.414	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.06	276	398379	36.303	ng		98
87) Benzo(b)fluoranthene	14.53	252	478902	44.976	ng		98
88) Benzo(k)fluoranthene	14.55	252	365922	36.064	ng	#	95
89) Benzo(a)pyrene	14.82	252	393208	40.349	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	326494	40.855	ng		96
91) Benzo(g,h,i)perylene	16.41	276	345212	41.192	ng		100

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

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