Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097896.D
Acq On : 21 Aug 2017 10:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/22/2017 5:43:39 PM

Quant Time: Aug 22 01:20:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	144399	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	578332	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	259519	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	510424	20.00	ng		0.00
75) Chrysene-d12	13.90	240	402026	20.00	ng		0.00
86) Perylene-d12	15.31	264	349619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	769563	81.06	ng		0.00
7) Phenol-d6	6.39	99	1058848	82.09	ng		0.00
23) Nitrobenzene-d5	7.32	82	972513	91.35	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	195516	86.83	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1336448	75.66	ng		0.00
78) Terphenyl-d14	12.85	244	1370994	71.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	218739	41.316	ng		89
3) Pyridine	3.13	79	607859	41.532	ng		89
4) n-Nitrosodimethylamine	3.10	42	236023	41.910	ng	#	78
6) Aniline	6.42	93	745489	41.142	ng		97
8) 2-Chlorophenol	6.53	128	417227	41.674	ng		96
9) Benzaldehyde	6.30	77	297484	36.412	ng		89
10) Phenol	6.40	94	627124	41.571	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	466103	40.936	ng		96
12) 1,3-Dichlorobenzene	6.69	146	438684	40.736	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	441499	40.310	ng		94
14) 1,2-Dichlorobenzene	6.92	146	408349	40.435	ng		99
15) Benzyl Alcohol	6.89	79	391536	40.544	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	605734	39.540	ng		90
17) 2-Methylphenol	7.01	107	366602	41.552	ng		96
18) Hexachloroethane	7.26	117	178554	41.582	ng	#	81
19) n-Nitroso-di-n-propylamine	7.17	70	347827	39.392	ng		89
20) 3+4-Methylphenols	7.16	107	422168	39.177	ng		95
22) Acetophenone	7.16	105	583767	38.209	ng		92
24) Nitrobenzene	7.34	77	524386	44.239	ng		95
25) Isophorone	7.58	82	910639	41.137	ng		97
26) 2-Nitrophenol	7.65	139	209386m	48.674	ng		
27) 2,4-Dimethylphenol	7.69	122	375234	40.644	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	588410	40.431	ng		99
29) 2,4-Dichlorophenol	7.89	162	325509	42.475	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	343336	40.413	ng		99
31) Naphthalene	8.06	128	1193543	39.753	ng		99
32) Benzoic acid	7.83	122	269013	41.061	ng		90
33) 4-Chloroaniline	8.10	127	527057	41.624	ng		98
34) Hexachlorobutadiene	8.17	225	201008	40.523	ng		99
35) Caprolactam	8.49	113	119182m	45.746	ng		
36) 4-Chloro-3-methylphenol	8.59	107	415914	42.241	ng	#	78
37) 2-Methylnaphthalene	8.75	142	736638	40.018	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	314962	39.545	ng		97
40) Hexachlorocyclopentadiene	8.90	237	166104	43.412	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	230472	43.101	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	228074	42.994	ng		97
45) 1,1'-Biphenyl	9.21	154	931642	39.367	ng		96
46) 2-Chloronaphthalene	9.23	162	693657	39.669	ng	#	91
47) 2-Nitroaniline	9.33	65	292074	49.825	ng		97
48) Acenaphthylene	9.65	152	1092661	39.792	ng		99
49) Dimethylphthalate	9.52	163	783897	41.323	ng		99
50) 2,6-Dinitrotoluene	9.57	165	172564	45.572	ng	#	57
51) Acenaphthene	9.82	154	707233	40.838	ng		98
52) 3-Nitroaniline	9.75	138	229701	47.017	ng		90
53) 2,4-Dinitrophenol	9.85	184	88514m	53.053	ng		
54) Dibenzofuran	9.99	168	917654	39.537	ng		99
55) 4-Nitrophenol	9.90	139	178495	45.801	ng	#	33
56) 2,4-Dinitrotoluene	9.97	165	227329	47.838	ng	#	48
57) Fluorene	10.33	166	691199	38.518	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	176144	42.887	ng		95
59) Diethylphthalate	10.21	149	799453	40.299	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	327166	39.244	ng	#	86
61) 4-Nitroaniline	10.36	138	226518m	48.784	ng		
62) Azobenzene	10.49	77	942748	40.008	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	124470	51.099	ng		91
65) n-Nitrosodiphenylamine	10.45	169	686102	39.473	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	213446	40.270	ng		93
67) Hexachlorobenzene	10.88	284	217065	40.178	ng		93
68) Atrazine	10.97	200	173528	37.645	ng		98
69) Pentachlorophenol	11.07	266	136448	43.317	ng		97
70) Phenanthrene	11.29	178	1045772	38.449	ng		99
71) Anthracene	11.35	178	1079044	39.114	ng		99
72) Carbazole	11.50	167	1036131	39.568	ng		99
73) Di-n-butylphthalate	11.83	149	1264998	41.939	ng		99
74) Fluoranthene	12.47	202	1157393	40.768	ng		99
76) Benzidine	12.60	184	468359	35.531	ng	#	93
77) Pyrene	12.70	202	1202254	36.564	ng		99
79) Butylbenzylphthalate	13.33	149	547148	43.401	ng	#	77
80) Benzo(a)anthracene	13.89	228	910041	37.769	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	366509	45.077	ng	#	96
82) Chrysene	13.93	228	947046	39.511	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	611162	43.749	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1225199	50.406	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	721394	40.913	ng		94
87) Benzo(b)fluoranthene	14.91	252	871754	39.558	ng		98
88) Benzo(k)fluoranthene	14.94	252	829154	40.047	ng	#	95
89) Benzo(a)pyrene	15.26	252	799178	40.964	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	611811	38.520	ng		97
91) Benzo(g,h,i)perylene	17.11	276	618955	37.348	ng	#	91

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

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