Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097597.D
Acq On : 11 Aug 2017 15:43
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICV040

Manual Integrations APPROVED
sohil
8/14/2017 6:39:02 PM

Quant Time: Aug 11 16:13:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	114037	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	487669	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	197665	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	343726	20.00	ng		0.00
75) Chrysene-d12	18.46	240	253804	20.00	ng		0.00
86) Perylene-d12	20.13	264	207985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	604887	84.31	ng		0.00
7) Phenol-d6	7.05	99	718932	80.78	ng		0.00
23) Nitrobenzene-d5	8.42	82	653397	84.01	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	119293	79.39	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	1011902	77.26	ng		0.00
78) Terphenyl-d14	17.12	244	844379	68.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	112064	35.994	ng	#	72
3) Pyridine	2.40	79	380855	41.940	ng	#	63
4) n-Nitrosodimethylamine	2.38	42	216043	41.003	ng		80
6) Aniline	7.00	93	500134	39.100	ng		99
8) 2-Chlorophenol	7.19	128	331570	40.315	ng		91
9) Benzaldehyde	6.82	77	235132	40.066	ng		97
10) Phenol	7.07	94	422774	43.386	ng		97
11) bis(2-Chloroethyl)ether	7.15	93	314638	40.256	ng		89
12) 1,3-Dichlorobenzene	7.41	146	367996	39.954	ng		96
13) 1,4-Dichlorobenzene	7.53	146	374787	39.977	ng		95
14) 1,2-Dichlorobenzene	7.77	146	349761	40.881	ng		98
15) Benzyl Alcohol	7.80	79	269020	43.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	711222	40.530	ng		91
17) 2-Methylphenol	8.02	107	254210	39.881	ng	#	91
18) Hexachloroethane	8.29	117	127991	39.904	ng	#	79
19) n-Nitroso-di-n-propylamine	8.23	70	264046	42.654	ng	#	84
20) 3+4-Methylphenols	8.27	107	332668	42.615	ng	#	58
22) Acetophenone	8.20	105	467999	40.622	ng	#	98
24) Nitrobenzene	8.45	77	355314	41.923	ng		96
25) Isophorone	8.85	82	592746	41.374	ng		98
26) 2-Nitrophenol	8.96	139	183014	42.691	ng	#	88
27) 2,4-Dimethylphenol	9.10	122	295224	41.297	ng		96
28) bis(2-Chloroethoxy)methane	9.23	93	430108	41.550	ng		99
29) 2,4-Dichlorophenol	9.38	162	254133	40.316	ng		96
30) 1,2,4-Trichlorobenzene	9.47	180	249767	39.965	ng		98
31) Naphthalene	9.57	128	966528	39.569	ng		99
32) Benzoic acid	9.45	122	168368	43.707	ng		96
33) 4-Chloroaniline	9.72	127	408125	40.332	ng		99
34) Hexachlorobutadiene	9.79	225	135909	39.811	ng		97
35) Caprolactam	10.35	113	87693	43.177	ng	#	65
36) 4-Chloro-3-methylphenol	10.57	107	296244	41.828	ng		89
37) 2-Methylnaphthalene	10.70	142	608708	39.605	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	223122	39.863	ng		98
40) Hexachlorocyclopentadiene	10.96	237	29640	39.242	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	147710	40.055	ng		96
43) 2,4,5-Trichlorophenol	11.28	196	145866	41.879	ng		97
45) 1,1'-Biphenyl	11.47	154	677812	39.969	ng		97
46) 2-Chloronaphthalene	11.49	162	513339	39.424	ng		94
47) 2-Nitroaniline	11.69	65	219713	43.075	ng		96
48) Acenaphthylene	12.14	152	833174	40.250	ng		99
49) Dimethylphthalate	12.02	163	611890	40.167	ng		99
50) 2,6-Dinitrotoluene	12.11	165	131045	41.657	ng	#	69
51) Acenaphthene	12.42	154	491681	39.635	ng		97
52) 3-Nitroaniline	12.37	138	171755	41.699	ng		96
53) 2,4-Dinitrophenol	12.60	184	56604	43.649	ng	#	71
54) Dibenzofuran	12.71	168	693521	39.934	ng		98
55) 4-Nitrophenol	12.77	139	64380	41.042	ng	#	31
56) 2,4-Dinitrotoluene	12.77	165	178745	42.571	ng	#	68
57) Fluorene	13.26	166	576377	40.356	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	106168	44.383	ng		98
59) Diethylphthalate	13.17	149	579304	40.263	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	240746	39.484	ng		100
61) 4-Nitroaniline	13.37	138	169056	43.027	ng		95
62) Azobenzene	13.55	77	589851	41.207	ng		93
64) 4,6-Dinitro-2-methylphenol	13.45	198	88320	42.122	ng		90
65) n-Nitrosodiphenylamine	13.50	169	492831	38.799	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	138409	38.813	ng		98
67) Hexachlorobenzene	14.16	284	148965	38.348	ng	#	89
68) Atrazine	14.42	200	125187	39.279	ng		94
69) Pentachlorophenol	14.52	266	27742m	37.933	ng		
70) Phenanthrene	14.80	178	758236	38.300	ng		98
71) Anthracene	14.89	178	779035	38.460	ng		99
72) Carbazole	15.17	167	757226	39.269	ng		99
73) Di-n-butylphthalate	15.76	149	903140	40.014	ng		98
74) Fluoranthene	16.56	202	741557	41.453	ng		97
76) Benzidine	16.79	184	325110	38.868	ng		99
77) Pyrene	16.87	202	767617	36.573	ng		100
79) Butylbenzylphthalate	17.79	149	365458	41.651	ng	#	80
80) Benzo(a)anthracene	18.45	228	579055	39.064	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	202536	39.616	ng		97
82) Chrysene	18.50	228	579952	39.335	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	517621	41.477	ng		99
84) Di-n-octyl phthalate	19.30	149	858292	39.381	ng	#	92
85) Indeno(1,2,3-cd)pyrene	21.34	276	376656	32.846	ng		96
87) Benzo(b)fluoranthene	19.72	252	531783	42.580	ng		98
88) Benzo(k)fluoranthene	19.75	252	459712	36.548	ng		96
89) Benzo(a)pyrene	20.07	252	450424	39.293	ng		99
90) Dibenzo(a,h)anthracene	21.35	278	324938	39.590	ng		97
91) Benzo(g,h,i)perylene	21.69	276	339419	37.697	ng		95

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

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