Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097684.D
Acq On : 15 Aug 2017 11:57
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:05 PM

Quant Time: Aug 15 12:24:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 12:05:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123706	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	480746	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	206568	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	379912	20.00	ng		0.00
75) Chrysene-d12	13.94	240	219261	20.00	ng		0.00
86) Perylene-d12	15.36	264	191306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1197638	145.94	ng		0.00
7) Phenol-d6	6.42	99	1599446	170.73	ng		0.01
23) Nitrobenzene-d5	7.36	82	1455171	177.57	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	283909	173.95	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1896873	155.84	ng		0.00
78) Terphenyl-d14	12.90	244	1624474	151.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	356003	103.958	ng		89
3) Pyridine	3.21	79	1012298	96.537	ng		88
4) n-Nitrosodimethylamine	3.19	42	388831	66.933	ng		87
6) Aniline	6.46	93	1160762	98.463	ng		98
8) 2-Chlorophenol	6.57	128	625003	71.228	ng		96
9) Benzaldehyde	6.33	77	458713	82.724	ng		89
10) Phenol	6.44	94	976553	87.882	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	709755	80.758	ng		95
12) 1,3-Dichlorobenzene	6.73	146	671065	70.966	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	672057	71.715	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	597620	73.038	ng		99
15) Benzyl Alcohol	6.93	79	577978	97.446	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	956089	54.238	ng		91
17) 2-Methylphenol	7.04	107	570963	84.311	ng		97
18) Hexachloroethane	7.30	117	274869	80.174	ng	#	77
19) n-Nitroso-di-n-propylamine	7.22	70	564153	91.487	ng		89
20) 3+4-Methylphenols	7.20	107	629750	71.199	ng		97
22) Acetophenone	7.21	105	879081	76.144	ng	#	84
24) Nitrobenzene	7.38	77	804080	94.212	ng		97
25) Isophorone	7.62	82	1418608	88.394	ng		96
26) 2-Nitrophenol	7.69	139	300376	65.052	ng	#	74
27) 2,4-Dimethylphenol	7.73	122	581157	76.297	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	907371	86.638	ng		99
29) 2,4-Dichlorophenol	7.93	162	494329	75.334	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	517111	82.677	ng		99
31) Naphthalene	8.10	128	1778840	78.495	ng		100
32) Benzoic acid	7.89	122	476195	83.723	ng	#	83
33) 4-Chloroaniline	8.15	127	773311	83.864	ng		99
34) Hexachlorobutadiene	8.22	225	301847	91.032	ng		99
35) Caprolactam	8.55	113	172700m	82.077	ng		
36) 4-Chloro-3-methylphenol	8.63	107	615221	85.939	ng	#	79
37) 2-Methylnaphthalene	8.79	142	1072021	74.714	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	454177	82.401	ng		98
40) Hexachlorocyclopentadiene	8.94	237	254362	158.114	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	332942	83.356	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	327167	81.835	ng		95
45) 1,1'-Biphenyl	9.25	154	1320577	74.847	ng		95
46) 2-Chloronaphthalene	9.27	162	1000932	77.091	ng	#	92
47) 2-Nitroaniline	9.37	65	397947	84.454	ng		95
48) Acenaphthylene	9.69	152	1583981	79.481	ng		100
49) Dimethylphthalate	9.56	163	1125768	71.767	ng		98
50) 2,6-Dinitrotoluene	9.62	165	246706	74.153	ng	#	62
51) Acenaphthene	9.86	154	996766	84.911	ng		98
52) 3-Nitroaniline	9.79	138	318161	77.044	ng		89
53) 2,4-Dinitrophenol	9.88	184	117923	77.955	ng	#	75
54) Dibenzofuran	10.03	168	1314876	84.092	ng		100
55) 4-Nitrophenol	9.93	139	255505	104.041	ng	#	33
56) 2,4-Dinitrotoluene	10.02	165	312750	81.772	ng	#	51
57) Fluorene	10.37	166	954822	81.248	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	253967	92.004	ng		96
59) Diethylphthalate	10.26	149	1140844	79.273	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	442940	91.274	ng	#	87
61) 4-Nitroaniline	10.40	138	300602	76.608	ng	#	67
62) Azobenzene	10.53	77	1335403	100.025	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	157643	66.777	ng		91
65) n-Nitrosodiphenylamine	10.49	169	962640	72.824	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	296488	78.200	ng		98
67) Hexachlorobenzene	10.92	284	306079	71.990	ng	#	86
68) Atrazine	11.02	200	255471	67.398	ng		96
69) Pentachlorophenol	11.10	266	199363	113.329	ng		98
70) Phenanthrene	11.33	178	1435089	70.500	ng		100
71) Anthracene	11.39	178	1470902	70.551	ng		99
72) Carbazole	11.54	167	1375150	67.066	ng		99
73) Di-n-butylphthalate	11.87	149	1629754	64.301	ng		99
74) Fluoranthene	12.52	202	1465588	73.494	ng		98
76) Benzidine	12.64	184	543070	66.752	ng		98
77) Pyrene	12.74	202	1497405	83.420	ng		100
79) Butylbenzylphthalate	13.37	149	578659	63.375	ng	#	76
80) Benzo(a)anthracene	13.93	228	1018364	71.781	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	332396	62.130	ng	#	96
82) Chrysene	13.97	228	1017361	73.438	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	608956	51.080	ng	#	99
84) Di-n-octyl phthalate	14.54	149	1085823	49.631	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	955014	80.396	ng		95
87) Benzo(b)fluoranthene	14.96	252	945514	82.220	ng		100
88) Benzo(k)fluoranthene	14.99	252	803933	73.363	ng	#	94
89) Benzo(a)pyrene	15.31	252	842686	80.066	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	807106	93.513	ng		98
91) Benzo(g,h,i)perylene	17.20	276	862481	95.291	ng		93

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

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