Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099758.D
Acq On : 23 Oct 2017 14:04
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
10/24/2017 8:40:52 PM

Quant Time: Oct 23 14:52:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 14:23:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97561	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	402586	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	185991	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	331984	20.00	ng		0.00
75) Chrysene-d12	13.99	240	227003	20.00	ng		0.00
86) Perylene-d12	15.45	264	200888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	925515	151.02	ng		0.00
7) Phenol-d6	6.46	99	1075817	142.30	ng		0.01
23) Nitrobenzene-d5	7.39	82	930957	148.30	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	238369	156.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1620113	145.42	ng		0.01
78) Terphenyl-d14	12.93	244	1456439	145.91	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	220770	75.411	ng	#	89
3) Pyridine	3.30	79	559905m	70.699	ng		
4) n-Nitrosodimethylamine	3.30	42	204368	60.854	ng	#	67
6) Aniline	6.49	93	696113	68.221	ng		99
8) 2-Chlorophenol	6.60	128	483798	69.708	ng		91
9) Benzaldehyde	6.37	77	313397	71.462	ng		93
10) Phenol	6.47	94	594024	70.255	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	484122	73.651	ng		95
12) 1,3-Dichlorobenzene	6.75	146	553018	76.084	ng		96
13) 1,4-Dichlorobenzene	6.83	146	550661	74.462	ng		97
14) 1,2-Dichlorobenzene	6.98	146	478151	69.975	ng		99
15) Benzyl Alcohol	6.97	79	314728	56.746	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	514222	50.211	ng		63
17) 2-Methylphenol	7.07	107	420345	74.020	ng	#	94
18) Hexachloroethane	7.32	117	187810	70.655	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	315388	65.339	ng		91
20) 3+4-Methylphenols	7.23	107	426886	59.421	ng	#	74
22) Acetophenone	7.23	105	636424	65.248	ng		98
24) Nitrobenzene	7.40	77	469793	65.971	ng		94
25) Isophorone	7.65	82	891877	68.717	ng		97
26) 2-Nitrophenol	7.72	139	284954	83.212	ng	#	86
27) 2,4-Dimethylphenol	7.76	122	397860	61.521	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	591261	73.100	ng		100
29) 2,4-Dichlorophenol	7.96	162	405126	72.964	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	429967	77.425	ng		99
31) Naphthalene	8.12	128	1372078	72.566	ng		99
32) Benzoic acid	7.95	122	397819	74.888	ng		94
33) 4-Chloroaniline	8.17	127	565852	71.664	ng		97
34) Hexachlorobutadiene	8.22	225	219993	76.911	ng		99
35) Caprolactam	8.59	113	130908m	73.499	ng		
36) 4-Chloro-3-methylphenol	8.67	107	413407	66.242	ng		91
37) 2-Methylnaphthalene	8.80	142	918350	74.713	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	423106	76.280	ng		98
40) Hexachlorocyclopentadiene	8.95	237	107059	42.235	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	270521	68.843	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	284821	72.609	ng		93
45) 1,1'-Biphenyl	9.27	154	1151512	72.038	ng		98
46) 2-Chloronaphthalene	9.30	162	860723	71.716	ng		98
47) 2-Nitroaniline	9.40	65	243990	66.393	ng		88
48) Acenaphthylene	9.72	152	1275545	69.426	ng		100
49) Dimethylphthalate	9.58	163	1081948	77.075	ng		100
50) 2,6-Dinitrotoluene	9.65	165	227732	74.518	ng		90
51) Acenaphthene	9.89	154	792192	68.068	ng		99
52) 3-Nitroaniline	9.83	138	271067	76.070	ng		87
53) 2,4-Dinitrophenol	9.94	184	98939	71.734	ng	#	82
54) Dibenzofuran	10.06	168	1069069	68.991	ng		100
55) 4-Nitrophenol	10.00	139	152524	50.620	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	256038	64.555	ng	#	95
57) Fluorene	10.40	166	878496	70.534	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	205516	75.844	ng		94
59) Diethylphthalate	10.27	149	1015240	74.015	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	419694	75.016	ng		97
61) 4-Nitroaniline	10.45	138	252420	73.424	ng		86
62) Azobenzene	10.55	77	850986	67.473	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	171945	85.126	ng	#	74
65) n-Nitrosodiphenylamine	10.52	169	864455	75.164	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	253035	77.867	ng		90
67) Hexachlorobenzene	10.95	284	256596	73.932	ng		92
68) Atrazine	11.04	200	266022	76.879	ng		96
69) Pentachlorophenol	11.15	266	134052	62.061	ng		98
70) Phenanthrene	11.37	178	1260454	70.931	ng		99
71) Anthracene	11.42	178	1288874	70.886	ng		99
72) Carbazole	11.58	167	1222720	68.671	ng		99
73) Di-n-butylphthalate	11.89	149	1570120	73.261	ng		99
74) Fluoranthene	12.56	202	1300722	72.285	ng		99
76) Benzidine	12.68	184	686179	81.726	ng	#	93
77) Pyrene	12.79	202	1343134	77.594	ng		100
79) Butylbenzylphthalate	13.39	149	675510	83.035	ng		92
80) Benzo(a)anthracene	13.98	228	1067576	77.667	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	333017	66.088	ng		98
82) Chrysene	14.02	228	974665	74.479	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	815380	72.791	ng		99
84) Di-n-octyl phthalate	14.56	149	1494032	82.830	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	889642	84.984	ng		98
87) Benzo(b)fluoranthene	15.03	252	1027820m	83.215	ng		
88) Benzo(k)fluoranthene	15.06	252	794086	65.092	ng		99
89) Benzo(a)pyrene	15.40	252	839821	74.073	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	743637	81.957	ng		99
91) Benzo(g,h,i)perylene	17.38	276	757354	84.441	ng		96

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

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