Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098621.D
Acq On : 19 Sep 2017 00:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/19/2017 5:32:03 PM

Quant Time: Sep 19 07:15:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	125951	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	533100	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	220210	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	335167	20.00	ng		0.00
75) Chrysene-d12	13.79	240	252898	20.00	ng		0.00
86) Perylene-d12	15.18	264	241883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	639574	75.08	ng		0.00
7) Phenol-d6	6.30	99	803169	74.26	ng		0.00
23) Nitrobenzene-d5	7.21	82	743458	77.75	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	114474	77.89	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1273415	98.01	ng		0.00
78) Terphenyl-d14	12.73	244	964036	82.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	146726	33.371	ng		91
3) Pyridine	2.90	79	374653m	32.086	ng		
4) n-Nitrosodimethylamine	2.87	42	183852m	32.117	ng		
6) Aniline	6.30	93	499525	36.814	ng	#	45
8) 2-Chlorophenol	6.43	128	374659	39.996	ng		99
9) Benzaldehyde	6.19	77	241837	34.204	ng		95
10) Phenol	6.31	94	469621	37.382	ng		84
11) bis(2-Chloroethyl)ether	6.38	93	347339	36.670	ng		97
12) 1,3-Dichlorobenzene	6.57	146	391779	41.553	ng		95
13) 1,4-Dichlorobenzene	6.65	146	399038m	41.319	ng		
14) 1,2-Dichlorobenzene	6.81	146	373416	42.440	ng		96
15) Benzyl Alcohol	6.79	79	295037	40.987	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	529486	33.975	ng		55
17) 2-Methylphenol	6.92	107	304618	39.880	ng	#	86
18) Hexachloroethane	7.14	117	134073	36.250	ng	#	84
19) n-Nitroso-di-n-propylamine	7.06	70	267880	39.375	ng		99
20) 3+4-Methylphenols	7.07	107	406199	42.139	ng	#	67
22) Acetophenone	7.06	105	558927	40.566	ng	#	89
24) Nitrobenzene	7.23	77	408156	37.472	ng		98
25) Isophorone	7.47	82	716527	37.035	ng		99
26) 2-Nitrophenol	7.55	139	188800	42.930	ng	#	86
27) 2,4-Dimethylphenol	7.59	122	329952	39.357	ng		94
28) bis(2-Chloroethoxy)methane	7.68	93	459888	38.956	ng		99
29) 2,4-Dichlorophenol	7.79	162	300237	43.060	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	333429	43.961	ng		98
31) Naphthalene	7.95	128	1068596	40.548	ng		100
32) Benzoic acid	7.74	122	105822	23.662	ng		98
33) 4-Chloroaniline	8.00	127	432616	40.391	ng		97
34) Hexachlorobutadiene	8.06	225	183661	47.169	ng		97
35) Caprolactam	8.39	113	84646	35.205	ng		88
36) 4-Chloro-3-methylphenol	8.50	107	334226	38.652	ng	#	83
37) 2-Methylnaphthalene	8.63	142	647813	40.581	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	331086	48.267	ng		99
40) Hexachlorocyclopentadiene	8.78	237	3251	11.251	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	190032	47.165	ng		95
43) 2,4,5-Trichlorophenol	8.97	196	179742	42.681	ng		93
45) 1,1'-Biphenyl	9.10	154	871849	44.234	ng		98
46) 2-Chloronaphthalene	9.12	162	596483	42.375	ng	#	93
47) 2-Nitroaniline	9.23	65	196047	36.286	ng		95
48) Acenaphthylene	9.53	152	827956	39.559	ng		99
49) Dimethylphthalate	9.40	163	738657	43.333	ng		99
50) 2,6-Dinitrotoluene	9.47	165	141098	40.297	ng	#	85
51) Acenaphthene	9.70	154	512636	38.532	ng		98
52) 3-Nitroaniline	9.65	138	162869	38.533	ng		96
53) 2,4-Dinitrophenol	9.77	184	4561	10.987	ng	#	79
54) Dibenzofuran	9.87	168	696106	39.716	ng		98
55) 4-Nitrophenol	9.83	139	70747	29.134	ng	#	49
56) 2,4-Dinitrotoluene	9.88	165	166654	39.149	ng	#	64
57) Fluorene	10.22	166	577201	39.787	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	99356	35.106	ng		97
59) Diethylphthalate	10.10	149	682548	42.103	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	284739	42.494	ng		94
61) 4-Nitroaniline	10.26	138	133398	31.251	ng		85
62) Azobenzene	10.37	77	545042	31.195	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	17543	12.615	ng		85
65) n-Nitrosodiphenylamine	10.33	169	516569	47.465	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	140124	44.050	ng		97
67) Hexachlorobenzene	10.77	284	138198	42.830	ng	#	90
68) Atrazine	10.87	200	147870	44.134	ng		97
69) Pentachlorophenol	10.97	266	36001	29.958	ng		96
70) Phenanthrene	11.17	178	704042	39.624	ng		98
71) Anthracene	11.23	178	712955	39.082	ng		99
72) Carbazole	11.39	167	632990	37.232	ng		99
73) Di-n-butylphthalate	11.72	149	957117	46.986	ng		99
74) Fluoranthene	12.36	202	703329	39.541	ng		98
76) Benzidine	12.49	184	356458	31.848	ng	#	93
77) Pyrene	12.59	202	718541	36.017	ng		98
79) Butylbenzylphthalate	13.21	149	355210	41.041	ng	#	85
80) Benzo(a)anthracene	13.78	228	615270	41.497	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	247253	42.910	ng	#	95
82) Chrysene	13.82	228	599879	40.025	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	509594	46.915	ng	#	99
84) Di-n-octyl phthalate	14.38	149	896059	48.081	ng		100
85) Indeno(1,2,3-cd)pyrene	16.52	276	492133	46.802	ng		95
87) Benzo(b)fluoranthene	14.79	252	635455	41.782	ng		99
88) Benzo(k)fluoranthene	14.82	252	540092m	38.039	ng		
89) Benzo(a)pyrene	15.13	252	541807	39.987	ng		100
90) Dibenzo(a,h)anthracene	16.53	278	419940	42.605	ng		94
91) Benzo(g,h,i)perylene	16.92	276	383457	38.679	ng		95

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

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