Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098447.D
Acq On : 12 Sep 2017 13:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/13/2017 4:59:54 PM

Quant Time: Sep 12 15:10:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	214508	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	898584	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	405140	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	746305	20.00	ng		0.00
75) Chrysene-d12	13.82	240	570509	20.00	ng		0.00
86) Perylene-d12	15.21	264	499432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1154929	79.60	ng		0.00
7) Phenol-d6	6.32	99	1425405	77.38	ng		0.00
23) Nitrobenzene-d5	7.24	82	1253658	77.78	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	250047	92.47	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1919192	80.29	ng		0.00
78) Terphenyl-d14	12.76	244	1929951	73.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	289523	38.664	ng		87
3) Pyridine	2.99	79	770990	38.770	ng		86
4) n-Nitrosodimethylamine	2.96	42	361866	37.117	ng		100
6) Aniline	6.33	93	877480	37.971	ng	#	27
8) 2-Chlorophenol	6.45	128	632308	39.634	ng		94
9) Benzaldehyde	6.22	77	447122	37.131	ng		94
10) Phenol	6.33	94	818062	38.234	ng	#	58
11) bis(2-Chloroethyl)ether	6.40	93	621342	38.517	ng		92
12) 1,3-Dichlorobenzene	6.60	146	629417	39.198	ng		97
13) 1,4-Dichlorobenzene	6.68	146	649444	39.485	ng		95
14) 1,2-Dichlorobenzene	6.83	146	584143	38.982	ng		98
15) Benzyl Alcohol	6.82	79	472872	38.572	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	970022	36.546	ng		73
17) 2-Methylphenol	6.94	107	511580	39.325	ng	#	91
18) Hexachloroethane	7.17	117	240022	38.105	ng	#	87
19) n-Nitroso-di-n-propylamine	7.09	70	430943	37.192	ng		99
20) 3+4-Methylphenols	7.09	107	647933	39.467	ng	#	74
22) Acetophenone	7.08	105	897144	38.629	ng	#	93
24) Nitrobenzene	7.26	77	704149	38.353	ng		96
25) Isophorone	7.50	82	1221911	37.469	ng		99
26) 2-Nitrophenol	7.57	139	331317	44.695	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	548666	38.827	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	760505	38.218	ng		98
29) 2,4-Dichlorophenol	7.82	162	486736	41.415	ng		95
30) 1,2,4-Trichlorobenzene	7.89	180	514800	40.267	ng		100
31) Naphthalene	7.97	128	1720325	38.727	ng		100
32) Benzoic acid	7.77	122	407804	43.847	ng		98
33) 4-Chloroaniline	8.03	127	729397	40.402	ng		98
34) Hexachlorobutadiene	8.09	225	255474	38.926	ng		96
35) Caprolactam	8.42	113	167974m	41.447	ng		
36) 4-Chloro-3-methylphenol	8.52	107	579521	39.761	ng		85
37) 2-Methylnaphthalene	8.66	142	1059346	39.369	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	502938	39.852	ng		100
40) Hexachlorocyclopentadiene	8.81	237	114815	37.080	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	321154	43.325	ng		94
43) 2,4,5-Trichlorophenol	8.99	196	325141	41.965	ng		93
45) 1,1'-Biphenyl	9.13	154	1412526	38.953	ng		98
46) 2-Chloronaphthalene	9.15	162	1016644	39.256	ng		94
47) 2-Nitroaniline	9.25	65	402572	40.500	ng		93
48) Acenaphthylene	9.56	152	1509878	39.211	ng		99
49) Dimethylphthalate	9.43	163	1196747	38.160	ng		99
50) 2,6-Dinitrotoluene	9.50	165	267458	41.518	ng	#	79
51) Acenaphthene	9.73	154	951298	38.865	ng		98
52) 3-Nitroaniline	9.67	138	321311	41.319	ng		99
53) 2,4-Dinitrophenol	9.78	184	117217	42.917	ng	#	79
54) Dibenzofuran	9.90	168	1235811	38.324	ng		99
55) 4-Nitrophenol	9.85	139	195287	43.711	ng	#	55
56) 2,4-Dinitrotoluene	9.90	165	322563	41.187	ng	#	58
57) Fluorene	10.25	166	1024504	38.385	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	224389	43.094	ng		97
59) Diethylphthalate	10.13	149	1122170	37.625	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	472855	38.357	ng		88
61) 4-Nitroaniline	10.28	138	327982	41.764	ng		86
62) Azobenzene	10.40	77	1147408	35.694	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	195286	43.214	ng	#	74
65) n-Nitrosodiphenylamine	10.36	169	941827	38.866	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	281815	39.787	ng		97
67) Hexachlorobenzene	10.79	284	292423	40.701	ng	#	81
68) Atrazine	10.89	200	294734	39.507	ng		95
69) Pentachlorophenol	10.99	266	128252	43.767	ng		96
70) Phenanthrene	11.20	178	1537961	38.873	ng		99
71) Anthracene	11.26	178	1576427	38.809	ng		99
72) Carbazole	11.42	167	1482978	39.174	ng		99
73) Di-n-butylphthalate	11.75	149	1738813	38.336	ng		99
74) Fluoranthene	12.39	202	1561848	39.434	ng		100
76) Benzidine	12.52	184	934166	36.998	ng	#	94
77) Pyrene	12.62	202	1642409	36.494	ng		100
79) Butylbenzylphthalate	13.24	149	742418	38.025	ng	#	81
80) Benzo(a)anthracene	13.80	228	1272979	38.059	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	540798	41.604	ng	#	98
82) Chrysene	13.85	228	1296932	38.359	ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	924327	37.722	ng		99
84) Di-n-octyl phthalate	14.40	149	1687096	40.129	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	985302	41.537	ng		98
87) Benzo(b)fluoranthene	14.82	252	1250201	39.812	ng		99
88) Benzo(k)fluoranthene	14.85	252	1129085	38.514	ng		97
89) Benzo(a)pyrene	15.16	252	1104615	39.483	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	809043	39.754	ng		97
91) Benzo(g,h,i)perylene	16.96	276	800961	39.129	ng		97

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

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