Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101048.D
Acq On : 1 Dec 2017 6:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/1/2017 11:13:19 AM

Quant Time: Dec 01 07:29:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53547	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	204733	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	84210	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	128281	20.00	ng		0.00
75) Chrysene-d12	14.03	240	115102	20.00	ng		0.00
86) Perylene-d12	15.50	264	89300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	261715	80.76	ng		0.00
7) Phenol-d6	6.49	99	312837	79.52	ng		0.00
23) Nitrobenzene-d5	7.42	82	274105	79.87	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	64274	63.54	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	551252	89.56	ng		0.00
78) Terphenyl-d14	12.96	244	399019	75.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	54024	40.317	ng		99
3) Pyridine	3.37	79	141585	40.759	ng		98
4) n-Nitrosodimethylamine	3.33	42	72370	42.656	ng	#	88
6) Aniline	6.52	93	199098	38.917	ng		99
8) 2-Chlorophenol	6.64	128	139620	39.516	ng		99
9) Benzaldehyde	6.41	77	95266	39.563	ng		93
10) Phenol	6.50	94	169967	38.853	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	129700	39.527	ng		98
12) 1,3-Dichlorobenzene	6.80	146	164888	40.079	ng		97
13) 1,4-Dichlorobenzene	6.87	146	165869	38.941	ng		96
14) 1,2-Dichlorobenzene	7.03	146	155391	39.112	ng		97
15) Benzyl Alcohol	7.00	79	118853	39.114	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	174488m	39.121	ng		
17) 2-Methylphenol	7.11	107	110024	38.564	ng		98
18) Hexachloroethane	7.36	117	39982	29.217	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	101713	38.388	ng		95
20) 3+4-Methylphenols	7.26	107	142274	38.238	ng	#	75
22) Acetophenone	7.27	105	195135	39.451	ng	#	94
24) Nitrobenzene	7.45	77	136294	40.519	ng		93
25) Isophorone	7.67	82	230171	39.263	ng		99
26) 2-Nitrophenol	7.76	139	64914	35.155	ng		92
27) 2,4-Dimethylphenol	7.79	122	107974	40.423	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	156296	39.668	ng		100
29) 2,4-Dichlorophenol	8.00	162	114636	39.427	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	127434	39.859	ng		97
31) Naphthalene	8.16	128	394625	39.109	ng		99
32) Benzoic acid	7.90	122	62378m	30.025	ng		
33) 4-Chloroaniline	8.21	127	157326	38.805	ng		99
34) Hexachlorobutadiene	8.27	225	78396	39.980	ng		96
35) Caprolactam	8.59	113	31057	34.275	ng	#	86
36) 4-Chloro-3-methylphenol	8.69	107	110014	36.528	ng		96
37) 2-Methylnaphthalene	8.85	142	255943	37.330	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	136163	44.510	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	2086	7.611	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	77482	43.206	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	78547	40.970	ng	#	91
45) 1,1'-Biphenyl	9.32	154	332259	43.065	ng		98
46) 2-Chloronaphthalene	9.34	162	231762	42.298	ng		97
47) 2-Nitroaniline	9.44	65	66427	40.976	ng		98
48) Acenaphthylene	9.76	152	358429	39.805	ng		99
49) Dimethylphthalate	9.62	163	286140	42.133	ng		99
50) 2,6-Dinitrotoluene	9.68	165	54881	38.367	ng		88
51) Acenaphthene	9.93	154	207839	38.547	ng		98
52) 3-Nitroaniline	9.85	138	61451	38.202	ng		96
53) 2,4-Dinitrophenol	9.96	184	2744	8.333	ng	#	16
54) Dibenzofuran	10.10	168	297459	38.282	ng		99
55) 4-Nitrophenol	10.01	139	32636	30.084	ng		96
56) 2,4-Dinitrotoluene	10.09	165	62497	32.602	ng	#	90
57) Fluorene	10.44	166	229176	36.282	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	52613	34.274	ng	#	85
59) Diethylphthalate	10.31	149	267021	39.862	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	119144	38.203	ng		90
61) 4-Nitroaniline	10.46	138	55684	33.348	ng		89
62) Azobenzene	10.59	77	199980	35.178	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	8327	9.678	ng	#	73
65) n-Nitrosodiphenylamine	10.55	169	217804	48.127	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	66318	46.186	ng	#	88
67) Hexachlorobenzene	10.99	284	64494	41.909	ng	#	87
68) Atrazine	11.07	200	58493	42.135	ng		98
69) Pentachlorophenol	11.19	266	31124	36.783	ng		98
70) Phenanthrene	11.40	178	280542	39.712	ng		98
71) Anthracene	11.46	178	285416	39.920	ng		98
72) Carbazole	11.62	167	246651	37.757	ng		99
73) Di-n-butylphthalate	11.93	149	337111	41.172	ng		98
74) Fluoranthene	12.60	202	290257	37.066	ng		93
76) Benzidine	12.72	184	153361	40.974	ng		98
77) Pyrene	12.83	202	300094	37.784	ng		98
79) Butylbenzylphthalate	13.43	149	129877	37.089	ng		93
80) Benzo(a)anthracene	14.02	228	288492	39.697	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	109356	43.449	ng	#	98
82) Chrysene	14.05	228	270861	40.132	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	186227	37.298	ng		99
84) Di-n-octyl phthalate	14.60	149	330768	39.788	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	186710	31.116	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	225093	42.083	ng		97
88) Benzo(k)fluoranthene	15.10	252	223175	42.350	ng	#	96
89) Benzo(a)pyrene	15.44	252	194805	40.061	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	161287	37.622	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	147824	36.589	ng	#	91

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

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