Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101881.D
Acq On : 4 Jan 2018 2:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/4/2018 1:56:58 PM

Quant Time: Jan 04 05:02:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118663	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	462795	20.00	ng		-0.02
38) Acenaphthene-d10	9.81	164	187993	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	310561	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	223453	20.00	ng		-0.02
86) Perylene-d12	15.42	264	199201	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	680071	85.37	ng		-0.01
7) Phenol-d6	6.42	99	740295	74.67	ng		-0.01
23) Nitrobenzene-d5	7.35	82	643632	77.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	138884	76.67	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1021875	84.32	ng		-0.01
78) Terphenyl-d14	12.88	244	750802	81.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	161530	39.462	ng		98
3) Pyridine	3.21	79	409564	36.012	ng		98
4) n-Nitrosodimethylamine	3.18	42	185681	35.460	ng		98
6) Aniline	6.44	93	495013	35.929	ng	#	69
8) 2-Chlorophenol	6.56	128	327369	39.066	ng		97
9) Benzaldehyde	6.33	77	238820	32.617	ng		98
10) Phenol	6.43	94	405937	35.924	ng	#	63
11) bis(2-Chloroethyl)ether	6.51	93	339864	38.344	ng		96
12) 1,3-Dichlorobenzene	6.71	146	369518	39.070	ng		98
13) 1,4-Dichlorobenzene	6.79	146	383488	39.706	ng		98
14) 1,2-Dichlorobenzene	6.94	146	335356	38.576	ng		98
15) Benzyl Alcohol	6.93	79	253573	37.159	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	503258	37.099	ng	#	44
17) 2-Methylphenol	7.05	107	285149	36.992	ng	#	89
18) Hexachloroethane	7.27	117	106932	31.845	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	248090	38.104	ng		92
20) 3+4-Methylphenols	7.20	107	374710	45.873	ng		91
22) Acetophenone	7.19	105	441293	41.790	ng	#	96
24) Nitrobenzene	7.36	77	364550	39.619	ng		97
25) Isophorone	7.60	82	611636	36.673	ng		98
26) 2-Nitrophenol	7.68	139	151061	38.214	ng		98
27) 2,4-Dimethylphenol	7.72	122	263600	39.251	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	401819	37.928	ng		98
29) 2,4-Dichlorophenol	7.94	162	267870	40.374	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	266113	38.007	ng		96
31) Naphthalene	8.07	128	882582	37.881	ng		100
32) Benzoic acid	7.89	122	152473	36.068	ng		100
33) 4-Chloroaniline	8.14	127	381488	37.672	ng		99
34) Hexachlorobutadiene	8.18	225	161526	39.887	ng		97
35) Caprolactam	8.52	113	83842	36.393	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	276839	37.963	ng		97
37) 2-Methylnaphthalene	8.77	142	561495	36.990	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	272097	42.869	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	714	12.085	ng		78

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	167460	43.825	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	149527	35.739	ng		95
45) 1,1'-Biphenyl	9.23	154	688580	41.301	ng		99
46) 2-Chloronaphthalene	9.26	162	508004	39.822	ng		98
47) 2-Nitroaniline	9.37	65	190654	43.263	ng		95
48) Acenaphthylene	9.67	152	787720	39.095	ng		99
49) Dimethylphthalate	9.53	163	633857	41.918	ng		100
50) 2,6-Dinitrotoluene	9.61	165	119106	38.755	ng	#	87
51) Acenaphthene	9.85	154	472167	39.004	ng		99
52) 3-Nitroaniline	9.79	138	163808	42.751	ng		94
53) 2,4-Dinitrophenol	9.99	184	6393	15.522	ng	#	1
54) Dibenzofuran	10.02	168	663333	43.118	ng		95
55) 4-Nitrophenol	9.99	139	57401m	34.356	ng		
56) 2,4-Dinitrotoluene	10.03	165	151642	43.794	ng	#	99
57) Fluorene	10.36	166	521938	40.106	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	115585	38.452	ng	#	86
59) Diethylphthalate	10.23	149	601956	40.199	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	265618	42.586	ng		92
61) 4-Nitroaniline	10.41	138	152771	39.666	ng		92
62) Azobenzene	10.50	77	550895	35.513	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	13431	8.475	ng	#	1
65) n-Nitrosodiphenylamine	10.47	169	494029	43.082	ng		96
66) 4-Bromophenyl-phenylether	10.83	248	153058	43.862	ng		92
67) Hexachlorobenzene	10.92	284	151934	41.138	ng	#	88
68) Atrazine	11.00	200	106987	31.289	ng		96
69) Pentachlorophenol	11.13	266	43650	34.458	ng		96
70) Phenanthrene	11.33	178	664629	38.483	ng		99
71) Anthracene	11.38	178	686914	38.937	ng		99
72) Carbazole	11.55	167	631357	38.224	ng		99
73) Di-n-butylphthalate	11.85	149	860232	42.910	ng		99
74) Fluoranthene	12.52	202	643341	35.489	ng		97
76) Benzidine	12.65	184	348917	36.971	ng		98
77) Pyrene	12.75	202	658183	39.247	ng		100
79) Butylbenzylphthalate	13.34	149	308805	40.696	ng		99
80) Benzo(a)anthracene	13.94	228	559492	37.919	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	199449	41.456	ng		96
82) Chrysene	13.98	228	532789	38.244	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	389751	40.552	ng		100
84) Di-n-octyl phthalate	14.51	149	692007	40.372	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	417879	33.684	ng		97
87) Benzo(b)fluoranthene	14.99	252	500779	41.244	ng		99
88) Benzo(k)fluoranthene	15.02	252	454868	38.531	ng		98
89) Benzo(a)pyrene	15.36	252	431974	38.593	ng		100
90) Dibenzo(a,h)anthracene	16.89	278	356767	37.124	ng		98
91) Benzo(g,h,i)perylene	17.35	276	341401	35.876	ng		95

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

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