Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101917.D
Acq On : 5 Jan 2018 9:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/8/2018 4:21:27 PM

Quant Time: Jan 05 12:27:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	121837	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	476790	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	200956	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	376235	20.00	ng		0.00
75) Chrysene-d12	13.96	240	252381	20.00	ng		0.00
86) Perylene-d12	15.43	264	224751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	724381	88.56	ng		0.00
7) Phenol-d6	6.43	99	783506	76.97	ng		0.00
23) Nitrobenzene-d5	7.35	82	708018	82.66	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	141300	72.97	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1050902	81.12	ng		0.00
78) Terphenyl-d14	12.88	244	900581	86.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	171075	40.705	ng		97
3) Pyridine	3.22	79	414870	35.529	ng		98
4) n-Nitrosodimethylamine	3.18	42	197628	36.758	ng		95
6) Aniline	6.45	93	524364	37.068	ng	#	76
8) 2-Chlorophenol	6.57	128	343554	39.929	ng		97
9) Benzaldehyde	6.34	77	311632	41.453	ng		99
10) Phenol	6.44	94	428378	36.922	ng	#	33
11) bis(2-Chloroethyl)ether	6.51	93	358694	39.414	ng		93
12) 1,3-Dichlorobenzene	6.71	146	377801	38.905	ng		97
13) 1,4-Dichlorobenzene	6.79	146	389405	39.269	ng		100
14) 1,2-Dichlorobenzene	6.94	146	343228	38.453	ng		99
15) Benzyl Alcohol	6.93	79	288084	41.117	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	524630	37.667	ng		65
17) 2-Methylphenol	7.05	107	298613	37.730	ng	#	86
18) Hexachloroethane	7.27	117	136991	39.734	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	264028	39.495	ng		96
20) 3+4-Methylphenols	7.20	107	395179	47.119	ng	#	78
22) Acetophenone	7.19	105	475056	43.666	ng	#	94
24) Nitrobenzene	7.37	77	399220	42.114	ng		97
25) Isophorone	7.60	82	665656	38.741	ng		94
26) 2-Nitrophenol	7.69	139	182988	44.932	ng		97
27) 2,4-Dimethylphenol	7.72	122	272688	39.413	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	428032	39.216	ng		99
29) 2,4-Dichlorophenol	7.94	162	273558	40.021	ng		100
30) 1,2,4-Trichlorobenzene	8.00	180	278485	38.606	ng		96
31) Naphthalene	8.07	128	936447	39.013	ng		100
32) Benzoic acid	7.90	122	189071	41.791	ng		96
33) 4-Chloroaniline	8.14	127	410876	39.384	ng		97
34) Hexachlorobutadiene	8.17	225	164623	39.459	ng		98
35) Caprolactam	8.52	113	81096m	34.168	ng		
36) 4-Chloro-3-methylphenol	8.63	107	306881	40.847	ng		97
37) 2-Methylnaphthalene	8.77	142	590279	37.745	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	280090	41.282	ng		97
40) Hexachlorocyclopentadiene	8.90	237	50349	47.881	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	166783	40.832	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	155449	34.757	ng		99
45) 1,1'-Biphenyl	9.23	154	723423	40.592	ng		99
46) 2-Chloronaphthalene	9.26	162	551539	40.446	ng		96
47) 2-Nitroaniline	9.37	65	214778	45.593	ng		85
48) Acenaphthylene	9.67	152	866824	40.245	ng		99
49) Dimethylphthalate	9.53	163	647520	40.059	ng		99
50) 2,6-Dinitrotoluene	9.61	165	132476	40.324	ng	#	79
51) Acenaphthene	9.85	154	511558	39.532	ng		98
52) 3-Nitroaniline	9.79	138	171033	41.757	ng		98
53) 2,4-Dinitrophenol	9.97	184	47811m	46.714	ng		
54) Dibenzofuran	10.02	168	719958	43.780	ng		94
55) 4-Nitrophenol	9.99	139	68769m	38.505	ng		
56) 2,4-Dinitrotoluene	10.03	165	184888	49.951	ng	#	86
57) Fluorene	10.36	166	580145	41.703	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	125190	38.961	ng		93
59) Diethylphthalate	10.23	149	632759	39.530	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	283793	42.565	ng		94
61) 4-Nitroaniline	10.42	138	163309	39.667	ng		96
62) Azobenzene	10.51	77	668964	40.343	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	79385	41.347	ng	#	70
65) n-Nitrosodiphenylamine	10.47	169	541491	38.978	ng		96
66) 4-Bromophenyl-phenylether	10.83	248	164760	38.974	ng		93
67) Hexachlorobenzene	10.92	284	169197	37.816	ng	#	92
68) Atrazine	11.00	200	153789	37.126	ng		98
69) Pentachlorophenol	11.13	266	67828m	42.345	ng		
70) Phenanthrene	11.33	178	800848	38.276	ng		99
71) Anthracene	11.38	178	836239	39.127	ng		99
72) Carbazole	11.55	167	776269	38.794	ng		100
73) Di-n-butylphthalate	11.85	149	944093	38.873	ng		99
74) Fluoranthene	12.52	202	815670	37.141	ng		98
76) Benzidine	12.65	184	374876	35.169	ng		99
77) Pyrene	12.75	202	830144	43.828	ng		100
79) Butylbenzylphthalate	13.34	149	368765	43.028	ng		95
80) Benzo(a)anthracene	13.94	228	643934	38.640	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	219970	40.481	ng		97
82) Chrysene	13.99	228	630276	40.056	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	464205	42.762	ng	#	97
84) Di-n-octyl phthalate	14.50	149	763218	39.423	ng		97
85) Indeno(1,2,3-cd)pyrene	16.91	276	582508	41.572	ng		97
87) Benzo(b)fluoranthene	15.00	252	536784	39.184	ng		98
88) Benzo(k)fluoranthene	15.02	252	562789	42.254	ng		98
89) Benzo(a)pyrene	15.37	252	514564	40.746	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	493521	45.516	ng		97
91) Benzo(g,h,i)perylene	17.36	276	494873	46.092	ng		96

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

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