Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103668.D
Acq On : 15 Mar 2018 14:45
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:03 PM

Quant Time: Mar 15 17:44:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 16:35:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167363	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	694049	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	324023	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	580425	20.00	ng		0.00
75) Chrysene-d12	14.16	240	489960	20.00	ng		0.00
86) Perylene-d12	15.70	264	455167	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	235754	21.30	ng		0.00
7) Phenol-d6	6.57	99	290874	21.48	ng		-0.02
23) Nitrobenzene-d5	7.52	82	155419	12.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	55923	20.39	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	490156	25.71	ng		0.00
78) Terphenyl-d14	13.08	244	474316	23.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	55869	9.559	ng		94
3) Pyridine	3.60	79	148025	9.487	ng		93
4) n-Nitrosodimethylamine	3.55	42	53334	8.475	ng	#	94
6) Aniline	6.63	93	201383	10.305	ng		96
8) 2-Chlorophenol	6.75	128	122807	10.683	ng		98
9) Benzaldehyde	6.52	77	98204	11.570	ng		97
10) Phenol	6.59	94	152028	9.671	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	126449	10.599	ng		98
12) 1,3-Dichlorobenzene	6.90	146	144103	10.969	ng		97
13) 1,4-Dichlorobenzene	6.99	146	141257	10.725	ng		98
14) 1,2-Dichlorobenzene	7.13	146	136128	11.209	ng		99
15) Benzyl Alcohol	7.10	79	111006	10.879	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	181192	8.844	ng		99
17) 2-Methylphenol	7.20	107	108833	10.418	ng		98
18) Hexachloroethane	7.48	117	48325	10.079	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	94812	11.251	ng		99
20) 3+4-Methylphenols	7.35	107	143695	11.284	ng		93
22) Acetophenone	7.37	105	200946	12.404	ng		96
24) Nitrobenzene	7.54	77	101577	7.591	ng		92
25) Isophorone	7.77	82	243250	10.163	ng		95
26) 2-Nitrophenol	7.86	139	19061	3.026	ng		96
27) 2,4-Dimethylphenol	7.89	122	103830	10.784	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	149413	10.617	ng		97
29) 2,4-Dichlorophenol	8.09	162	91889	9.968	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	112183	11.428	ng		99
31) Naphthalene	8.27	128	387660	11.409	ng		98
32) Benzoic acid	7.95	122	26800m	4.217	ng		
33) 4-Chloroaniline	8.31	127	158969	10.842	ng		99
34) Hexachlorobutadiene	8.39	225	62313	12.190	ng		98
35) Caprolactam	8.65	113	28627	8.836	ng		93
36) 4-Chloro-3-methylphenol	8.77	107	102002	9.810	ng		98
37) 2-Methylnaphthalene	8.96	142	245029	11.158	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	104388	11.784	ng		100
40) Hexachlorocyclopentadiene	9.11	237	45715	18.581	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	57712	9.683	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	69312	10.111	ng		95
45) 1,1'-Biphenyl	9.42	154	303562	11.180	ng		99
46) 2-Chloronaphthalene	9.45	162	237178	11.042	ng		98
47) 2-Nitroaniline	9.54	65	28117	3.534	ng		85
48) Acenaphthylene	9.87	152	368518	11.150	ng		99
49) Dimethylphthalate	9.72	163	266825	10.265	ng		99
50) 2,6-Dinitrotoluene	9.78	165	29697	5.444	ng	#	83
51) Acenaphthene	10.04	154	219017	11.365	ng		100
52) 3-Nitroaniline	9.95	138	38341	5.540	ng	#	92
53) 2,4-Dinitrophenol	10.05	184	3530	2.330	ng	#	5
54) Dibenzofuran	10.21	168	312117	11.798	ng		97
55) 4-Nitrophenol	10.09	139	25783	6.011	ng	#	77
56) 2,4-Dinitrotoluene	10.18	165	31033	4.498	ng	#	81
57) Fluorene	10.56	166	249977	11.092	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	48164	10.459	ng		99
59) Diethylphthalate	10.42	149	268694	10.808	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	115346	12.069	ng		97
61) 4-Nitroaniline	10.56	138	37137	5.372	ng	#	78
62) Azobenzene	10.70	77	277248	10.956	ng		98
64) 4,6-Dinitro-2-methylphenol	10.59	198	6831	2.105	ng		97
65) n-Nitrosodiphenylamine	10.66	169	216413	10.708	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	64641	10.691	ng		94
67) Hexachlorobenzene	11.10	284	73982	11.273	ng		97
68) Atrazine	11.18	200	65711	10.818	ng		99
69) Pentachlorophenol	11.29	266	31777	10.014	ng		95
70) Phenanthrene	11.52	178	355336	11.124	ng		98
71) Anthracene	11.57	178	357144	10.903	ng		99
72) Carbazole	11.72	167	343133	10.520	ng		99
73) Di-n-butylphthalate	12.05	149	416075	10.194	ng		99
74) Fluoranthene	12.71	202	360339	11.226	ng		99
76) Benzidine	12.83	184	216131	11.799	ng		97
77) Pyrene	12.94	202	377741	9.888	ng		99
79) Butylbenzylphthalate	13.56	149	140253	6.949	ng		92
80) Benzo(a)anthracene	14.14	228	329263	10.357	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	111751	9.850	ng		98
82) Chrysene	14.18	228	319832	10.361	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	234892	8.624	ng		99
84) Di-n-octyl phthalate	14.76	149	325147	7.389	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	291408	11.925	ng		97
87) Benzo(b)fluoranthene	15.24	252	280108	9.360	ng		98
88) Benzo(k)fluoranthene	15.27	252	301393	10.695	ng		98
89) Benzo(a)pyrene	15.63	252	270364	10.117	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	243400	11.787	ng		97
91) Benzo(g,h,i)perylene	17.73	276	236614	11.724	ng		95

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

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