Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103671.D
Acq On : 15 Mar 2018 16:06
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:11 PM

Quant Time: Mar 15 18:00:22 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	153466	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	633020	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	295289	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	522483	20.00	ng		0.00
75) Chrysene-d12	14.15	240	405918	20.00	ng		0.00
86) Perylene-d12	15.68	264	345197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	984931	97.07	ng		0.00
7) Phenol-d6	6.59	99	1207544	97.25	ng		0.00
23) Nitrobenzene-d5	7.53	82	983482	88.73	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	266091	106.46	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1696013	97.64	ng		0.00
78) Terphenyl-d14	13.09	244	1623561	96.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	247543	46.190	ng		93
3) Pyridine	3.60	79	685133	47.886	ng		90
4) n-Nitrosodimethylamine	3.56	42	252101	43.690	ng		95
6) Aniline	6.63	93	873079	48.722	ng		100
8) 2-Chlorophenol	6.76	128	523172	49.632	ng		94
9) Benzaldehyde	6.52	77	392602	50.441	ng		98
10) Phenol	6.60	94	644118	44.687	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	531498	48.583	ng		97
12) 1,3-Dichlorobenzene	6.91	146	586629	48.699	ng		98
13) 1,4-Dichlorobenzene	6.99	146	583387	48.305	ng		98
14) 1,2-Dichlorobenzene	7.14	146	546970	49.117	ng		99
15) Benzyl Alcohol	7.10	79	473812	50.641	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	754058	40.139	ng		96
17) 2-Methylphenol	7.21	107	466692	48.718	ng		99
18) Hexachloroethane	7.48	117	216396	49.219	ng		92
19) n-Nitroso-di-n-propylamine	7.38	70	381966	49.429	ng		96
20) 3+4-Methylphenols	7.36	107	590797	50.594	ng		97
22) Acetophenone	7.38	105	773252	52.332	ng	#	95
24) Nitrobenzene	7.56	77	564532	46.258	ng		96
25) Isophorone	7.79	82	1035163	47.417	ng		99
26) 2-Nitrophenol	7.87	139	203880	35.487	ng		94
27) 2,4-Dimethylphenol	7.89	122	450139	51.258	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	620581	48.349	ng		100
29) 2,4-Dichlorophenol	8.10	162	418990	49.834	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	461420	51.536	ng		99
31) Naphthalene	8.27	128	1523015	49.143	ng		99
32) Benzoic acid	8.02	122	321568m	55.473	ng		
33) 4-Chloroaniline	8.32	127	658735	49.257	ng		97
34) Hexachlorobutadiene	8.39	225	250425	53.712	ng		98
35) Caprolactam	8.70	113	145119	49.111	ng		91
36) 4-Chloro-3-methylphenol	8.79	107	455678	48.051	ng		98
37) 2-Methylnaphthalene	8.96	142	975099	48.684	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	407074	50.427	ng		99
40) Hexachlorocyclopentadiene	9.12	237	231920	103.438	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	280758	51.687	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	317799	50.869	ng		97
45) 1,1'-Biphenyl	9.43	154	1176930	47.565	ng		99
46) 2-Chloronaphthalene	9.46	162	927920	47.402	ng		99
47) 2-Nitroaniline	9.55	65	262166	36.155	ng		99
48) Acenaphthylene	9.87	152	1442443	47.891	ng		99
49) Dimethylphthalate	9.73	163	1096538	46.290	ng		99
50) 2,6-Dinitrotoluene	9.79	165	224110	45.082	ng		97
51) Acenaphthene	10.05	154	863581	49.171	ng		99
52) 3-Nitroaniline	9.96	138	266911	42.320	ng		97
53) 2,4-Dinitrophenol	10.06	184	49068	35.534	ng	#	20
54) Dibenzofuran	10.22	168	1220403	50.620	ng		97
55) 4-Nitrophenol	10.10	139	201786	51.622	ng		96
56) 2,4-Dinitrotoluene	10.19	165	282472	44.929	ng		93
57) Fluorene	10.56	166	936402	45.594	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	226883	54.061	ng		99
59) Diethylphthalate	10.43	149	1075684	47.479	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	422641	48.527	ng		97
61) 4-Nitroaniline	10.58	138	257810	40.925	ng		94
62) Azobenzene	10.71	77	1090617	47.292	ng		99
64) 4,6-Dinitro-2-methylphenol	10.60	198	99283	33.984	ng		86
65) n-Nitrosodiphenylamine	10.67	169	862255	47.397	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	262845	48.293	ng	#	87
67) Hexachlorobenzene	11.11	284	293613	49.702	ng	#	90
68) Atrazine	11.19	200	272363	49.811	ng		100
69) Pentachlorophenol	11.30	266	184743	64.677	ng		97
70) Phenanthrene	11.53	178	1357165	47.199	ng		99
71) Anthracene	11.58	178	1383315	46.916	ng		100
72) Carbazole	11.73	167	1347124	45.879	ng		99
73) Di-n-butylphthalate	12.06	149	1642813	44.713	ng		99
74) Fluoranthene	12.72	202	1395287	48.289	ng		98
76) Benzidine	12.84	184	868283	57.217	ng		97
77) Pyrene	12.95	202	1444791	45.652	ng		100
79) Butylbenzylphthalate	13.56	149	681655	40.767	ng		97
80) Benzo(a)anthracene	14.14	228	1248965	47.422	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	431789	45.939	ng		98
82) Chrysene	14.18	228	1175106	45.951	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	970012	42.989	ng		100
84) Di-n-octyl phthalate	14.74	149	1459808	40.042	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	999291	49.358	ng		97
87) Benzo(b)fluoranthene	15.23	252	1142274	50.328	ng		98
88) Benzo(k)fluoranthene	15.26	252	998925	46.739	ng		100
89) Benzo(a)pyrene	15.62	252	983050	48.503	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	837737	53.491	ng		98
91) Benzo(g,h,i)perylene	17.72	276	799005	52.201	ng		96

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

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