Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107523.D
Acq On : 20 Jul 2018 14:36
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:23 PM

Quant Time: Jul 20 15:57:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 14:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	334457	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1342957	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	603994	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1176153	20.00	ng		0.00
75) Chrysene-d12	14.17	240	887524	20.00	ng		0.00
86) Perylene-d12	15.69	264	762219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2057252	93.42	ng		0.00
7) Phenol-d6	6.62	99	2367763	83.16	ng		0.00
23) Nitrobenzene-d5	7.55	82	2055551	81.62	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	693243	130.63	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	3349773	79.70	ng		0.00
78) Terphenyl-d14	13.10	244	3172039	88.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	473136	43.518	ng	#	82
3) Pyridine	3.63	79	1315913	44.875	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	556657	46.229	ng		96
6) Aniline	6.65	93	1568934	41.685	ng	#	88
8) 2-Chlorophenol	6.77	128	1078368	48.421	ng		91
9) Benzaldehyde	6.53	77	701959	30.648	ng		99
10) Phenol	6.63	94	1384287	45.350	ng		86
11) bis(2-Chloroethyl)ether	6.71	93	1212013	48.656	ng		90
12) 1,3-Dichlorobenzene	6.92	146	1211665	44.812	ng		99
13) 1,4-Dichlorobenzene	7.00	146	1234597	46.062	ng		98
14) 1,2-Dichlorobenzene	7.15	146	1081203	43.112	ng		98
15) Benzyl Alcohol	7.12	79	838282	29.317	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1923101	72.347	ng		90
17) 2-Methylphenol	7.23	107	897441	42.382	ng	#	95
18) Hexachloroethane	7.48	117	448246	44.946	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	752949	36.935	ng		99
20) 3+4-Methylphenols	7.38	107	1044019	38.814	ng	#	76
22) Acetophenone	7.39	105	1415460	38.361	ng	#	88
24) Nitrobenzene	7.57	77	1136501	40.155	ng		98
25) Isophorone	7.80	82	2029383	40.653	ng		100
26) 2-Nitrophenol	7.88	139	532784	55.378	ng		97
27) 2,4-Dimethylphenol	7.91	122	879604	43.843	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	1338528	42.815	ng		99
29) 2,4-Dichlorophenol	8.12	162	928004	44.449	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	981363	38.817	ng		99
31) Naphthalene	8.28	128	2677002	41.038	ng	#	94
32) Benzoic acid	8.06	122	635648	51.625	ng		97
33) 4-Chloroaniline	8.34	127	1160365	41.074	ng		97
34) Hexachlorobutadiene	8.39	225	596380	35.254	ng		98
35) Caprolactam	8.72	113	304258m	44.801	ng		
36) 4-Chloro-3-methylphenol	8.82	107	1016397	37.259	ng		98
37) 2-Methylnaphthalene	8.97	142	1882673	43.785	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	945067	40.209	ng		98
40) Hexachlorocyclopentadiene	9.12	237	540504	44.029	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	649586	44.274	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	684946	48.800	ng		96
45) 1,1'-Biphenyl	9.44	154	2342054	44.849	ng		95
46) 2-Chloronaphthalene	9.47	162	1838528	44.575	ng		96
47) 2-Nitroaniline	9.57	65	642228	50.882	ng		91
48) Acenaphthylene	9.88	152	2702464	46.951	ng		93
49) Dimethylphthalate	9.74	163	2125324	44.287	ng	#	97
50) 2,6-Dinitrotoluene	9.81	165	473702	51.729	ng	#	87
51) Acenaphthene	10.06	154	1706397	44.720	ng		98
52) 3-Nitroaniline	9.98	138	579688	60.267	ng		97
53) 2,4-Dinitrophenol	10.08	184	173691	53.837	ng	#	22
54) Dibenzofuran	10.23	168	2440996	41.397	ng		91
55) 4-Nitrophenol	10.15	139	444101	57.059	ng		93
56) 2,4-Dinitrotoluene	10.21	165	588722	49.322	ng		92
57) Fluorene	10.57	166	1862653	47.696	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.35	232	564112	41.491	ng		91
59) Diethylphthalate	10.44	149	2156841	46.262	ng		94
60) 4-Chlorophenyl-phenylether	10.56	204	1013115	43.553	ng		97
61) 4-Nitroaniline	10.61	138	476325	52.036	ng		98
62) Azobenzene	10.72	77	2085230	38.087	ng		87
64) 4,6-Dinitro-2-methylphenol	10.62	198	287858	51.377	ng		92
65) n-Nitrosodiphenylamine	10.68	169	1815324	48.869	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	647258	48.101	ng	#	90
67) Hexachlorobenzene	11.12	284	719550	57.767	ng	#	91
68) Atrazine	11.21	200	591003	42.102	ng		96
69) Pentachlorophenol	11.32	266	482943	52.466	ng		97
70) Phenanthrene	11.54	178	2509980	42.822	ng		94
71) Anthracene	11.60	178	2543359	43.565	ng		93
72) Carbazole	11.75	167	2663137	48.183	ng		95
73) Di-n-butylphthalate	12.07	149	2946781	46.392	ng	#	95
74) Fluoranthene	12.73	202	2715512	40.761	ng		95
76) Benzidine	12.85	184	1180163	34.263	ng		97
77) Pyrene	12.97	202	2789362m	46.217	ng		
79) Butylbenzylphthalate	13.57	149	1386946	63.089	ng	#	95
80) Benzo(a)anthracene	14.15	228	2409260	44.366	ng		94
81) 3,3'-Dichlorobenzidine	14.12	252	746768	41.003	ng	#	96
82) Chrysene	14.19	228	2294754	44.237	ng		94
83) Bis(2-ethylhexyl)phthalate	14.12	149	1741006	55.264	ng	#	96
84) Di-n-octyl phthalate	14.74	149	2820778	57.600	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1940931	52.565	ng		96
87) Benzo(b)fluoranthene	15.24	252	1995764	44.734	ng		98
88) Benzo(k)fluoranthene	15.28	252	2040553	46.867	ng		97
89) Benzo(a)pyrene	15.64	252	1871445	45.702	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	1610240	52.104	ng		98
91) Benzo(g,h,i)perylene	17.76	276	1608997	51.238	ng		95

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

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