Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107405.D
Acq On : 16 Jul 2018 15:28
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/17/2018 4:52:48 PM

Quant Time: Jul 16 16:04:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 15:31:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136429	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	508278	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	275278	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	590834	20.00	ng		0.00
75) Chrysene-d12	14.17	240	482393	20.00	ng		0.00
86) Perylene-d12	15.69	264	382930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	832148	103.28	ng		0.00
7) Phenol-d6	6.60	99	1086763	108.01	ng		0.00
23) Nitrobenzene-d5	7.55	82	1020091	111.53	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	222613	69.77	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1664137	92.34	ng		0.00
78) Terphenyl-d14	13.10	244	1721944	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	215744	52.085	ng		89
3) Pyridine	3.61	79	570954	50.825	ng		93
4) n-Nitrosodimethylamine	3.58	42	237392	49.755	ng	#	83
6) Aniline	6.65	93	746762	54.715	ng	#	87
8) 2-Chlorophenol	6.77	128	424000	47.980	ng		90
9) Benzaldehyde	6.54	77	438183	63.756	ng		89
10) Phenol	6.61	94	566920	49.372	ng	#	71
11) bis(2-Chloroethyl)ether	6.71	93	465530	49.110	ng		95
12) 1,3-Dichlorobenzene	6.92	146	520601	50.299	ng	#	91
13) 1,4-Dichlorobenzene	7.00	146	514165	49.137	ng		96
14) 1,2-Dichlorobenzene	7.15	146	457844m	47.743	ng		
15) Benzyl Alcohol	7.12	79	577031	71.423	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.25	45	517731	41.627	ng		83
17) 2-Methylphenol	7.22	107	403445	53.349	ng	#	85
18) Hexachloroethane	7.50	117	194542	52.869	ng		90
19) n-Nitroso-di-n-propylamine	7.40	70	394222	59.440	ng	#	95
20) 3+4-Methylphenols	7.38	107	502069	57.359	ng	#	83
22) Acetophenone	7.39	105	668857	58.819	ng		92
24) Nitrobenzene	7.57	77	567679	60.794	ng	#	86
25) Isophorone	7.80	82	909324	56.421	ng	#	93
26) 2-Nitrophenol	7.88	139	197453	44.794	ng	#	68
27) 2,4-Dimethylphenol	7.90	122	376878	55.315	ng		86
28) bis(2-Chloroethoxy)methane	8.01	93	569644	52.642	ng		96
29) 2,4-Dichlorophenol	8.11	162	398190	55.823	ng		94
30) 1,2,4-Trichlorobenzene	8.20	180	457025	58.161	ng		99
31) Naphthalene	8.29	128	1170557	49.259	ng		99
32) Benzoic acid	8.02	122	258034	56.312	ng	#	75
33) 4-Chloroaniline	8.33	127	517893	51.940	ng	#	82
34) Hexachlorobutadiene	8.40	225	305067	59.581	ng		96
35) Caprolactam	8.71	113	131446	56.532	ng	#	85
36) 4-Chloro-3-methylphenol	8.80	107	521342	69.438	ng	#	79
37) 2-Methylnaphthalene	8.98	142	765033	48.570	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	477222	51.478	ng		99
40) Hexachlorocyclopentadiene	9.13	237	273039	57.245	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	319355	51.824	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	320974	49.917	ng	#	92
45) 1,1'-Biphenyl	9.44	154	1052931	47.995	ng		96
46) 2-Chloronaphthalene	9.47	162	867067	50.211	ng		94
47) 2-Nitroaniline	9.56	65	309346	53.272	ng	#	78
48) Acenaphthylene	9.89	152	1196321	43.880	ng		97
49) Dimethylphthalate	9.74	163	1034090	50.086	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	221115	50.576	ng	#	60
51) Acenaphthene	10.06	154	805237	46.903	ng		99
52) 3-Nitroaniline	9.98	138	226977	45.117	ng	#	79
53) 2,4-Dinitrophenol	10.07	184	79869	40.114	ng	#	33
54) Dibenzofuran	10.23	168	1203953	51.213	ng		93
55) 4-Nitrophenol	10.12	139	181590	51.711	ng	#	53
56) 2,4-Dinitrotoluene	10.21	165	275748	48.321	ng	#	78
57) Fluorene	10.58	166	803624	43.079	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	281665	55.105	ng	#	89
59) Diethylphthalate	10.44	149	1005612	50.465	ng		94
60) 4-Chlorophenyl-phenylether	10.57	204	491307	50.335	ng		98
61) 4-Nitroaniline	10.60	138	212570	42.575	ng	#	38
62) Azobenzene	10.72	77	1151361	58.673	ng		88
64) 4,6-Dinitro-2-methylphenol	10.61	198	161043	44.095	ng		94
65) n-Nitrosodiphenylamine	10.68	169	839526	42.245	ng		93
66) 4-Bromophenyl-phenylether	11.05	248	300524	42.620	ng	#	86
67) Hexachlorobenzene	11.12	284	282059	38.219	ng	#	90
68) Atrazine	11.21	200	315338	49.914	ng		98
69) Pentachlorophenol	11.31	266	231433	62.848	ng		95
70) Phenanthrene	11.54	178	1305541	45.813	ng		97
71) Anthracene	11.60	178	1355426	46.599	ng		98
72) Carbazole	11.75	167	1244684	45.705	ng		95
73) Di-n-butylphthalate	12.07	149	1480762	46.155	ng	#	98
74) Fluoranthene	12.73	202	1475117	46.964	ng		95
76) Benzidine	12.85	184	928424	67.579	ng	#	97
77) Pyrene	12.97	202	1526522	47.988	ng		96
79) Butylbenzylphthalate	13.57	149	631173	48.259	ng	#	78
80) Benzo(a)anthracene	14.15	228	1388333	47.221	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	476157	46.081	ng		96
82) Chrysene	14.19	228	1303087	48.176	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	836541	50.030	ng		96
84) Di-n-octyl phthalate	14.75	149	1363089	50.011	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	860529	37.489	ng		93
87) Benzo(b)fluoranthene	15.24	252	1120334	47.098	ng		97
88) Benzo(k)fluoranthene	15.27	252	1051341	46.411	ng		97
89) Benzo(a)pyrene	15.63	252	993332	46.974	ng	#	94
90) Dibenzo(a,h)anthracene	17.28	278	727972	40.620	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	727952	41.558	ng	#	92

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

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