Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106849.D
Acq On : 27 Jun 2018 3:48
Operator : JU/SJ
Sample : PB110514BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Manual Integrations APPROVED
Sohil
6/27/2018 2:14:41 PM

Quant Time: Jun 27 05:47:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43392	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	154308	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	68724	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	128365	20.00	ng		0.00
75) Chrysene-d12	14.15	240	120303	20.00	ng		-0.02
86) Perylene-d12	15.68	264	85765	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	221628	86.49	ng		0.00
7) Phenol-d6	6.61	99	267848	83.70	ng		0.00
23) Nitrobenzene-d5	7.52	82	247022	88.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	68963	86.58	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	443474	114.31	ng		0.00
78) Terphenyl-d14	13.08	244	490824	98.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	45550	34.575	ng		99
3) Pyridine	3.65	79	129719	36.306	ng		97
4) n-Nitrosodimethylamine	3.62	42	54304	35.785	ng		85
6) Aniline	6.62	93	47814	11.015	ng	#	25
8) 2-Chlorophenol	6.75	128	116765	41.544	ng		97
9) Benzaldehyde	6.51	77	54578	22.195	ng		96
10) Phenol	6.62	94	138720	37.984	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	116897	38.772	ng		97
12) 1,3-Dichlorobenzene	6.90	146	141473	42.976	ng		97
13) 1,4-Dichlorobenzene	6.98	146	142480	42.811	ng		97
14) 1,2-Dichlorobenzene	7.13	146	131122	42.990	ng		98
15) Benzyl Alcohol	7.10	79	98454	38.315	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	162072	40.971	ng		73
17) 2-Methylphenol	7.22	107	96975	40.318	ng	#	92
18) Hexachloroethane	7.47	117	40310	34.442	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	80615	38.217	ng		93
20) 3+4-Methylphenols	7.38	107	121269	47.419	ng		96
22) Acetophenone	7.37	105	158676	45.963	ng	#	98
24) Nitrobenzene	7.55	77	121640	42.909	ng		97
25) Isophorone	7.78	82	219172	44.794	ng		98
26) 2-Nitrophenol	7.86	139	50023	37.380	ng		94
27) 2,4-Dimethylphenol	7.90	122	100084	48.386	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	142183	43.280	ng		99
29) 2,4-Dichlorophenol	8.11	162	95910	44.289	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	114311	47.917	ng		98
31) Naphthalene	8.27	128	326081	45.199	ng		100
32) Benzoic acid	7.98	122	25726m	20.788	ng		
33) 4-Chloroaniline	8.31	127	20861	6.891	ng		98
34) Hexachlorobutadiene	8.37	225	76581	49.266	ng		100
35) Caprolactam	8.69	113	25572m	36.226	ng		
36) 4-Chloro-3-methylphenol	8.81	107	92528	40.594	ng		93
37) 2-Methylnaphthalene	8.95	142	229463	47.986	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	118142	51.046	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	8882	7.459	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62066	40.344	ng		90
43) 2,4,5-Trichlorophenol	9.29	196	64424	40.132	ng	#	86
45) 1,1'-Biphenyl	9.42	154	266845	48.721	ng		97
46) 2-Chloronaphthalene	9.45	162	190947	44.291	ng		95
47) 2-Nitroaniline	9.55	65	56235	38.790	ng		99
48) Acenaphthylene	9.87	152	292814	43.020	ng		99
49) Dimethylphthalate	9.71	163	233182	45.240	ng		99
50) 2,6-Dinitrotoluene	9.78	165	48251	44.208	ng		89
51) Acenaphthene	10.04	154	175914	41.043	ng		98
52) 3-Nitroaniline	9.95	138	29485	23.476	ng		96
53) 2,4-Dinitrophenol	10.07	184	5218	13.933	ng	#	19
54) Dibenzofuran	10.21	168	270210	46.040	ng		95
55) 4-Nitrophenol	10.14	139	46063	52.542	ng		98
56) 2,4-Dinitrotoluene	10.19	165	59126	41.502	ng		90
57) Fluorene	10.55	166	204509	43.912	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	50201m	39.340	ng		
59) Diethylphthalate	10.41	149	210221	42.257	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	108636	44.582	ng	#	87
61) 4-Nitroaniline	10.58	138	49947	40.070	ng		88
62) Azobenzene	10.70	77	186556	38.080	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	7026	8.855	ng		74
65) n-Nitrosodiphenylamine	10.66	169	176771	40.942	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	70589	46.077	ng	#	78
67) Hexachlorobenzene	11.10	284	73748	45.994	ng	#	81
68) Atrazine	11.18	200	61251	44.625	ng		94
69) Pentachlorophenol	11.30	266	32371	40.462	ng		100
70) Phenanthrene	11.52	178	288277	46.562	ng		99
71) Anthracene	11.57	178	301955	47.781	ng		100
72) Carbazole	11.73	167	268196	45.329	ng		98
73) Di-n-butylphthalate	12.04	149	308380	44.242	ng		99
74) Fluoranthene	12.71	202	335739	49.199	ng		94
76) Benzidine	12.83	184	113398	33.097	ng		97
77) Pyrene	12.94	202	340631	42.938	ng		99
79) Butylbenzylphthalate	13.54	149	134084	41.108	ng	#	97
80) Benzo(a)anthracene	14.14	228	329031	44.875	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	82141	31.875	ng	#	97
82) Chrysene	14.17	228	308903	45.794	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	181667	43.565	ng	#	96
84) Di-n-octyl phthalate	14.72	149	322517	47.448	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	216711	37.857	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	260298	48.858	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	239200m	47.147	ng		
89) Benzo(a)pyrene	15.61	252	223936	47.282	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	181195	45.142	ng	#	93
91) Benzo(g,h,i)perylene	17.73	276	178470	45.491	ng	#	90

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

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