Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106914.D
Acq On : 28 Jun 2018 12:23
Operator : JU/SJ
Sample : PB110625BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Manual Integrations APPROVED
Sohil
6/29/2018 2:30:32 PM

Quant Time: Jun 28 16:06:21 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	6.95	152	78096	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	298753	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	159270	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	328667	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	266444	20.00	ng		-0.01
86) Perylene-d12	15.69	264	216775	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	559595	121.33	ng		0.00
7) Phenol-d6	6.61	99	711017	123.45	ng		0.00
23) Nitrobenzene-d5	7.52	82	453667	84.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	261709	141.77	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	870059	94.03	ng		-0.01
78) Terphenyl-d14	13.08	244	1075063	97.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	78505	33.109	ng		97
3) Pyridine	3.66	79	231929	36.067	ng		97
4) n-Nitrosodimethylamine	3.63	42	93324	34.169	ng		82
6) Aniline	6.62	93	137216	17.563	ng	#	88
8) 2-Chlorophenol	6.75	128	210244	41.562	ng		98
9) Benzaldehyde	6.51	77	145023	36.183	ng		92
10) Phenol	6.62	94	250007	38.036	ng		86
11) bis(2-Chloroethyl)ether	6.69	93	205832	37.932	ng		100
12) 1,3-Dichlorobenzene	6.90	146	247409	41.759	ng		98
13) 1,4-Dichlorobenzene	6.97	146	246172	41.098	ng		98
14) 1,2-Dichlorobenzene	7.12	146	229208	41.754	ng		98
15) Benzyl Alcohol	7.10	79	180555	39.042	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	286544	40.248	ng		71
17) 2-Methylphenol	7.21	107	182066	42.058	ng	#	91
18) Hexachloroethane	7.46	117	84089	39.921	ng	#	90
19) n-Nitroso-di-n-propylamine	7.37	70	142874	37.633	ng		92
20) 3+4-Methylphenols	7.37	107	223267	48.993	ng	#	62
22) Acetophenone	7.37	105	287962	43.083	ng	#	96
24) Nitrobenzene	7.54	77	223359	40.696	ng		97
25) Isophorone	7.78	82	411650	43.455	ng		100
26) 2-Nitrophenol	7.85	139	120313	46.436	ng		97
27) 2,4-Dimethylphenol	7.89	122	194446	48.554	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	258398	40.626	ng		98
29) 2,4-Dichlorophenol	8.10	162	197691	47.152	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	216867	46.954	ng		98
31) Naphthalene	8.26	128	612479	43.850	ng		99
32) Benzoic acid	8.01	122	71982	27.491	ng		97
33) 4-Chloroaniline	8.31	127	48096	8.206	ng		98
34) Hexachlorobutadiene	8.37	225	142327	47.292	ng		98
35) Caprolactam	8.69	113	68376m	50.031	ng		
36) 4-Chloro-3-methylphenol	8.81	107	202146	45.806	ng		94
37) 2-Methylnaphthalene	8.95	142	449083	48.507	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	238165	44.403	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	186221	67.481	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	142422	39.946	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	148177	39.829	ng	#	87
45) 1,1'-Biphenyl	9.41	154	543137	42.790	ng		98
46) 2-Chloronaphthalene	9.44	162	402131	40.248	ng		96
47) 2-Nitroaniline	9.54	65	124667	37.106	ng		93
48) Acenaphthylene	9.86	152	638545	40.480	ng		98
49) Dimethylphthalate	9.71	163	474911	39.757	ng		98
50) 2,6-Dinitrotoluene	9.78	165	113275	44.782	ng		91
51) Acenaphthene	10.03	154	383963	38.655	ng		98
52) 3-Nitroaniline	9.95	138	48024	16.499	ng		99
53) 2,4-Dinitrophenol	10.07	184	87103	67.152	ng	#	13
54) Dibenzofuran	10.21	168	591432	43.483	ng		97
55) 4-Nitrophenol	10.14	139	122019	60.056	ng		96
56) 2,4-Dinitrotoluene	10.20	165	150856	45.691	ng	#	85
57) Fluorene	10.55	166	473290	43.850	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	136300	46.089	ng	#	76
59) Diethylphthalate	10.41	149	454308	39.404	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	244153	43.233	ng	#	85
61) 4-Nitroaniline	10.58	138	116960	40.488	ng		96
62) Azobenzene	10.70	77	432769	38.117	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	77785	38.287	ng	#	66
65) n-Nitrosodiphenylamine	10.66	169	409059	37.003	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	171762	43.789	ng	#	75
67) Hexachlorobenzene	11.10	284	183380	44.668	ng	#	86
68) Atrazine	11.18	200	153070	43.556	ng		94
69) Pentachlorophenol	11.30	266	123156	60.122	ng		98
70) Phenanthrene	11.52	178	699821	44.146	ng		99
71) Anthracene	11.57	178	723771	44.731	ng		99
72) Carbazole	11.73	167	642853	42.436	ng		98
73) Di-n-butylphthalate	12.04	149	694919	38.938	ng		100
74) Fluoranthene	12.71	202	781306	44.717	ng		95
76) Benzidine	12.83	184	245391	32.338	ng		96
77) Pyrene	12.94	202	791456	45.046	ng		100
79) Butylbenzylphthalate	13.54	149	292749	40.525	ng	#	95
80) Benzo(a)anthracene	14.14	228	699104	43.051	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	97591	17.099	ng	#	96
82) Chrysene	14.18	228	640921	42.900	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	361938	39.189	ng	#	96
84) Di-n-octyl phthalate	14.74	149	535958	35.601	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	606731	47.856	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	551338	40.943	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	530805	41.393	ng	#	96
89) Benzo(a)pyrene	15.63	252	526724	44.000	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	498278	49.115	ng	#	93
91) Benzo(g,h,i)perylene	17.77	276	529648	53.413	ng	#	88

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

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