Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106621.D
Acq On : 20 Jun 2018 16:02
Operator : JU/SJ
Sample : PB110380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Manual Integrations APPROVED
Sohil
6/21/2018 11:27:52 AM

Quant Time: Jun 21 01:38:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93756	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	365458	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	201108	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	419974	20.00	ng		0.00
75) Chrysene-d12	14.15	240	349117	20.00	ng		0.00
86) Perylene-d12	15.69	264	284044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	656975	118.66	ng		0.00
7) Phenol-d6	6.61	99	840354	121.54	ng		0.00
23) Nitrobenzene-d5	7.52	82	567101	86.24	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	323255	138.68	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1040789	88.14	ng		0.00
78) Terphenyl-d14	13.08	244	1348182	93.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	95177	33.436	ng		96
3) Pyridine	3.65	79	292276	37.860	ng		98
4) n-Nitrosodimethylamine	3.61	42	123775	37.749	ng		88
6) Aniline	6.62	93	193649	20.646	ng	#	59
8) 2-Chlorophenol	6.75	128	247840	40.811	ng		98
9) Benzaldehyde	6.51	77	128969	24.684	ng		99
10) Phenol	6.62	94	310353	39.330	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	260535	39.994	ng		99
12) 1,3-Dichlorobenzene	6.90	146	285430	40.130	ng		99
13) 1,4-Dichlorobenzene	6.98	146	290712	40.428	ng		98
14) 1,2-Dichlorobenzene	7.13	146	266968	40.510	ng		98
15) Benzyl Alcohol	7.10	79	228818	41.213	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	387398	45.325	ng		93
17) 2-Methylphenol	7.22	107	218565	42.056	ng	#	93
18) Hexachloroethane	7.47	117	103290	40.846	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	174422	38.269	ng		96
20) 3+4-Methylphenols	7.37	107	261196	47.206	ng	#	73
22) Acetophenone	7.37	105	339562	41.530	ng	#	93
24) Nitrobenzene	7.54	77	281514	41.930	ng		97
25) Isophorone	7.78	82	522405	45.081	ng		98
26) 2-Nitrophenol	7.86	139	142188	44.862	ng		98
27) 2,4-Dimethylphenol	7.90	122	235188	48.009	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	327886	42.142	ng		99
29) 2,4-Dichlorophenol	8.11	162	233252	45.479	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	254693	45.079	ng		96
31) Naphthalene	8.27	128	725394	42.455	ng		100
32) Benzoic acid	8.02	122	162175	45.809	ng		96
33) 4-Chloroaniline	8.31	127	84152	11.738	ng		98
34) Hexachlorobutadiene	8.37	225	164155	44.589	ng		99
35) Caprolactam	8.69	113	84862m	50.760	ng		
36) 4-Chloro-3-methylphenol	8.81	107	251824	46.648	ng		98
37) 2-Methylnaphthalene	8.96	142	544733	48.099	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	277400	40.959	ng		97
40) Hexachlorocyclopentadiene	9.11	237	339686	97.484	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176990	39.314	ng		91
43) 2,4,5-Trichlorophenol	9.29	196	189094	40.253	ng	#	86
45) 1,1'-Biphenyl	9.42	154	642114	40.064	ng		99
46) 2-Chloronaphthalene	9.45	162	482516	38.247	ng		96
47) 2-Nitroaniline	9.55	65	163760	38.602	ng		96
48) Acenaphthylene	9.87	152	775280	38.924	ng		98
49) Dimethylphthalate	9.72	163	585358	38.808	ng		97
50) 2,6-Dinitrotoluene	9.78	165	139361	43.633	ng		97
51) Acenaphthene	10.04	154	478278	38.133	ng		98
52) 3-Nitroaniline	9.95	138	68015	18.506	ng		95
53) 2,4-Dinitrophenol	10.07	184	158875	94.623	ng	#	20
54) Dibenzofuran	10.21	168	726462	42.299	ng		97
55) 4-Nitrophenol	10.14	139	197584	77.017	ng		97
56) 2,4-Dinitrotoluene	10.20	165	193802	46.486	ng		86
57) Fluorene	10.55	166	563793	41.369	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	182550	48.886	ng	#	79
59) Diethylphthalate	10.42	149	571099	39.229	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	295653	41.461	ng	#	84
61) 4-Nitroaniline	10.58	138	149821	41.074	ng		94
62) Azobenzene	10.70	77	569490	39.725	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	117955	45.436	ng		79
65) n-Nitrosodiphenylamine	10.67	169	509806	36.090	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	210832	42.064	ng	#	84
67) Hexachlorobenzene	11.10	284	221886	42.297	ng	#	84
68) Atrazine	11.19	200	193523	43.094	ng		95
69) Pentachlorophenol	11.30	266	218143	83.340	ng		99
70) Phenanthrene	11.52	178	860326	42.472	ng		98
71) Anthracene	11.57	178	907619	43.898	ng		99
72) Carbazole	11.73	167	814258	42.064	ng		98
73) Di-n-butylphthalate	12.04	149	930076	40.784	ng		100
74) Fluoranthene	12.71	202	985686	44.149	ng		96
76) Benzidine	12.83	184	336668	33.861	ng		98
77) Pyrene	12.94	202	993305	43.146	ng		98
79) Butylbenzylphthalate	13.55	149	403250	42.602	ng	#	97
80) Benzo(a)anthracene	14.14	228	887835	41.726	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	163446	21.856	ng	#	97
82) Chrysene	14.18	228	819071	41.842	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	551464	45.571	ng		97
84) Di-n-octyl phthalate	14.75	149	806215	40.872	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	777442	46.800	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	740514	41.968	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	674785	40.159	ng	#	95
89) Benzo(a)pyrene	15.63	252	679018	43.289	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	639616	48.115	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	664321	51.128	ng	#	91

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

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