Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106531.D
Acq On : 18 Jun 2018 11:58
Operator : JU/SJ
Sample : PB110266BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:37 PM

Quant Time: Jun 19 02:28:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106654	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	441753	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	218556	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	444395	20.00	ng		0.00
75) Chrysene-d12	14.17	240	357782	20.00	ng		0.02
86) Perylene-d12	15.72	264	279636	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	560483	88.94	ng		0.00
7) Phenol-d6	6.61	99	687164	86.31	ng		0.00
23) Nitrobenzene-d5	7.53	82	559679	74.53	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	218380	103.85	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1024959	82.51	ng		0.00
78) Terphenyl-d14	13.09	244	1179929	81.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	133262	40.862	ng		95
3) Pyridine	3.67	79	371923	40.923	ng		98
4) n-Nitrosodimethylamine	3.63	42	163271	39.215	ng		95
6) Aniline	6.63	93	346302	29.788	ng	#	71
8) 2-Chlorophenol	6.76	128	304004	44.861	ng		97
9) Benzaldehyde	6.52	77	172032	28.488	ng		98
10) Phenol	6.62	94	389793	44.848	ng		75
11) bis(2-Chloroethyl)ether	6.70	93	313324	42.111	ng		97
12) 1,3-Dichlorobenzene	6.91	146	348313	43.672	ng		98
13) 1,4-Dichlorobenzene	6.98	146	352598	43.565	ng		99
14) 1,2-Dichlorobenzene	7.14	146	327645	43.003	ng		99
15) Benzyl Alcohol	7.11	79	286593	42.034	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	475162	44.551	ng		83
17) 2-Methylphenol	7.22	107	259873	42.982	ng	#	93
18) Hexachloroethane	7.48	117	126715	43.939	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	214679	35.942	ng		96
20) 3+4-Methylphenols	7.38	107	314436	40.667	ng	#	75
22) Acetophenone	7.37	105	416428	37.406	ng	#	93
24) Nitrobenzene	7.55	77	352258	43.160	ng		95
25) Isophorone	7.78	82	643032	43.842	ng		97
26) 2-Nitrophenol	7.87	139	168549	53.204	ng		97
27) 2,4-Dimethylphenol	7.90	122	285016	45.902	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	402160	42.286	ng		98
29) 2,4-Dichlorophenol	8.11	162	273446	45.648	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	283821	42.256	ng		96
31) Naphthalene	8.27	128	863135	43.222	ng		99
32) Benzoic acid	8.02	122	141426	33.480	ng		92
33) 4-Chloroaniline	8.32	127	219035	24.751	ng		99
34) Hexachlorobutadiene	8.38	225	184004	42.642	ng		100
35) Caprolactam	8.69	113	86869m	42.873	ng		
36) 4-Chloro-3-methylphenol	8.81	107	289634	43.710	ng		98
37) 2-Methylnaphthalene	8.97	142	606978	44.626	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	301796	42.537	ng		98
40) Hexachlorocyclopentadiene	9.11	237	353600	90.331	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	206870	45.753	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	213314	43.763	ng		94
45) 1,1'-Biphenyl	9.43	154	716330	42.316	ng		98
46) 2-Chloronaphthalene	9.45	162	571074	42.155	ng		97
47) 2-Nitroaniline	9.55	65	198356	46.544	ng		93
48) Acenaphthylene	9.87	152	908666	43.822	ng		99
49) Dimethylphthalate	9.72	163	675294	43.248	ng		99
50) 2,6-Dinitrotoluene	9.80	165	150564	47.205	ng		92
51) Acenaphthene	10.05	154	535939	40.022	ng		100
52) 3-Nitroaniline	9.97	138	106876	28.232	ng		98
53) 2,4-Dinitrophenol	10.07	184	130116	87.900	ng	#	20
54) Dibenzofuran	10.22	168	775731	43.019	ng		97
55) 4-Nitrophenol	10.15	139	206113	71.033	ng		91
56) 2,4-Dinitrotoluene	10.20	165	204153	50.971	ng		91
57) Fluorene	10.56	166	602591	42.178	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177185	45.864	ng	#	84
59) Diethylphthalate	10.42	149	651604	42.043	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	313736	41.751	ng		91
61) 4-Nitroaniline	10.58	138	159639	43.343	ng		97
62) Azobenzene	10.71	77	684071	42.330	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	103738	43.893	ng		85
65) n-Nitrosodiphenylamine	10.67	169	574370	38.457	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	217429	43.017	ng	#	84
67) Hexachlorobenzene	11.11	284	225043	43.187	ng	#	88
68) Atrazine	11.20	200	197334	42.874	ng		96
69) Pentachlorophenol	11.31	266	185693	57.881	ng		98
70) Phenanthrene	11.53	178	898291	41.275	ng		98
71) Anthracene	11.58	178	936207	42.939	ng		98
72) Carbazole	11.74	167	812875	40.383	ng		98
73) Di-n-butylphthalate	12.05	149	982281	43.846	ng		99
74) Fluoranthene	12.72	202	987805	42.560	ng		99
76) Benzidine	12.84	184	501480	42.115	ng		98
77) Pyrene	12.95	202	996479	44.487	ng		97
79) Butylbenzylphthalate	13.56	149	427513	50.988	ng	#	96
80) Benzo(a)anthracene	14.16	228	905682	42.538	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	196011	27.286	ng	#	96
82) Chrysene	14.19	228	819987	42.182	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	572668	47.635	ng		100
84) Di-n-octyl phthalate	14.77	149	850757	49.087	ng		99
85) Indeno(1,2,3-cd)pyrene	17.30	276	710833	45.819	ng	#	93
87) Benzo(b)fluoranthene	15.27	252	680460	40.255	ng		96
88) Benzo(k)fluoranthene	15.29	252	677127	40.447	ng		97
89) Benzo(a)pyrene	15.66	252	643013	42.292	ng	#	97
90) Dibenzo(a,h)anthracene	17.32	278	582331	45.941	ng	#	95
91) Benzo(g,h,i)perylene	17.78	276	615202	49.941	ng	#	91

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

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