Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109177.D
Acq On : 20 Sep 2018 6:26
Operator : JU/SJ
Sample : PB112999BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Manual Integrations APPROVED
Sohil
9/20/2018 10:07:01 AM

Quant Time: Sep 20 08:42:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144938	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	526378	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	223142	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	365636	20.00	ng		0.00
75) Chrysene-d12	13.86	240	297443	20.00	ng		0.00
86) Perylene-d12	15.26	264	305367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	709861	81.34	ng		0.02
7) Phenol-d6	6.37	99	895930	79.62	ng		0.00
23) Nitrobenzene-d5	7.29	82	811279	86.45	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	175799	72.59	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1365889	95.90	ng		0.00
78) Terphenyl-d14	12.81	244	1121937	89.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	146600	35.291	ng		92
3) Pyridine	3.18	79	389980	35.415	ng		92
4) n-Nitrosodimethylamine	3.13	42	198555	47.742	ng	#	96
6) Aniline	6.38	93	299522	20.594	ng	#	82
8) 2-Chlorophenol	6.51	128	404566	41.427	ng		98
9) Benzaldehyde	6.27	77	161291	22.443	ng		99
10) Phenol	6.38	94	492532	38.901	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	401247	40.283	ng		96
12) 1,3-Dichlorobenzene	6.67	146	449148	40.216	ng		99
13) 1,4-Dichlorobenzene	6.74	146	449712	40.138	ng		97
14) 1,2-Dichlorobenzene	6.90	146	421698	40.598	ng		99
15) Benzyl Alcohol	6.87	79	352603	41.275	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	564503	39.554	ng		94
17) 2-Methylphenol	6.98	107	334029	41.924	ng		95
18) Hexachloroethane	7.24	117	159259	39.137	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	298417	40.121	ng		93
20) 3+4-Methylphenols	7.14	107	391346	40.783	ng	#	69
22) Acetophenone	7.13	105	550998	46.093	ng	#	94
24) Nitrobenzene	7.30	77	428601	44.296	ng		96
25) Isophorone	7.55	82	795323	49.300	ng		99
26) 2-Nitrophenol	7.62	139	157027	34.755	ng		95
27) 2,4-Dimethylphenol	7.67	122	351618	49.613	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	497581	45.835	ng		99
29) 2,4-Dichlorophenol	7.87	162	316797	41.947	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	349879	42.857	ng		97
31) Naphthalene	8.02	128	1130868	46.288	ng		99
32) Benzoic acid	7.76	122	107920m	23.304	ng		
33) 4-Chloroaniline	8.07	127	105154	9.680	ng		97
34) Hexachlorobutadiene	8.15	225	215775	43.293	ng		99
35) Caprolactam	8.45	113	87916	35.705	ng		88
36) 4-Chloro-3-methylphenol	8.57	107	322534	40.568	ng		98
37) 2-Methylnaphthalene	8.72	142	730499	45.869	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	327055	46.568	ng		98
40) Hexachlorocyclopentadiene	8.88	237	208251	58.852	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	206071	43.653	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	210054	42.581	ng		97
45) 1,1'-Biphenyl	9.18	154	847451	47.470	ng		97
46) 2-Chloronaphthalene	9.20	162	647100	45.261	ng		100
47) 2-Nitroaniline	9.30	65	196065	44.608	ng		95
48) Acenaphthylene	9.61	152	1016364	47.150	ng		100
49) Dimethylphthalate	9.48	163	762119	47.785	ng		100
50) 2,6-Dinitrotoluene	9.54	165	148113	41.876	ng		94
51) Acenaphthene	9.79	154	589888	43.947	ng		99
52) 3-Nitroaniline	9.70	138	134591	32.317	ng		93
53) 2,4-Dinitrophenol	9.81	184	26974	19.789	ng	#	22
54) Dibenzofuran	9.96	168	842487	43.434	ng		98
55) 4-Nitrophenol	9.87	139	176324	57.463	ng		92
56) 2,4-Dinitrotoluene	9.94	165	179025	38.704	ng	#	90
57) Fluorene	10.30	166	606871	46.949	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	155462	38.060	ng		89
59) Diethylphthalate	10.18	149	729200	45.276	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	300297	43.386	ng		93
61) 4-Nitroaniline	10.31	138	149547	37.795	ng		96
62) Azobenzene	10.45	77	686096	41.617	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	25187	14.397	ng		80
65) n-Nitrosodiphenylamine	10.41	169	584609	48.880	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	193259	46.884	ng		93
67) Hexachlorobenzene	10.85	284	200234	45.414	ng		93
68) Atrazine	10.94	200	184923	48.300	ng		99
69) Pentachlorophenol	11.04	266	153545	54.431	ng		100
70) Phenanthrene	11.25	178	858757	47.912	ng		99
71) Anthracene	11.31	178	871140	47.947	ng		100
72) Carbazole	11.46	167	767816	42.690	ng		99
73) Di-n-butylphthalate	11.80	149	971177	46.129	ng		99
74) Fluoranthene	12.44	202	875501	46.269	ng		97
76) Benzidine	12.55	184	244164	23.190	ng		98
77) Pyrene	12.66	202	892609	40.401	ng		99
79) Butylbenzylphthalate	13.29	149	396227	40.153	ng	#	93
80) Benzo(a)anthracene	13.85	228	845832	46.969	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	181783	25.015	ng		98
82) Chrysene	13.88	228	821874	45.616	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	507283	42.457	ng		97
84) Di-n-octyl phthalate	14.46	149	1016466	50.162	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	716025	49.708	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	861605	51.002	ng		97
88) Benzo(k)fluoranthene	14.89	252	749134	47.477	ng	#	96
89) Benzo(a)pyrene	15.21	252	746106	49.732	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	598268	47.465	ng		96
91) Benzo(g,h,i)perylene	17.02	276	580908	46.098	ng	#	92

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

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