Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106582.D
Acq On : 19 Jun 2018 15:19
Operator : JU/SJ
Sample : PB110378BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:24 PM

Quant Time: Jun 19 16:19:34 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	103798	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	391872	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	188932	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	365877	20.00	ng		0.00
75) Chrysene-d12	14.15	240	224578	20.00	ng		0.00
86) Perylene-d12	15.70	264	244949	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	717709	117.08	ng		0.01
7) Phenol-d6	6.61	99	914546	119.47	ng		0.00
23) Nitrobenzene-d5	7.53	82	628118	89.08	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	289435	132.18	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1089927	100.30	ng		0.00
78) Terphenyl-d14	13.08	244	1075317	115.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	106542	33.807	ng		95
3) Pyridine	3.65	79	316269	37.004	ng		98
4) n-Nitrosodimethylamine	3.61	42	140879	38.809	ng	#	87
6) Aniline	6.63	93	321530	30.964	ng	#	71
8) 2-Chlorophenol	6.76	128	276570	41.136	ng		98
9) Benzaldehyde	6.51	77	142901	24.709	ng		96
10) Phenol	6.62	94	338081	38.699	ng		77
11) bis(2-Chloroethyl)ether	6.70	93	286429	39.715	ng		99
12) 1,3-Dichlorobenzene	6.90	146	316933	40.248	ng		99
13) 1,4-Dichlorobenzene	6.98	146	318486	40.005	ng		100
14) 1,2-Dichlorobenzene	7.14	146	296597	40.651	ng		97
15) Benzyl Alcohol	7.11	79	251949	40.989	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	424134	44.822	ng		77
17) 2-Methylphenol	7.22	107	236250	41.061	ng	#	90
18) Hexachloroethane	7.47	117	114040	40.734	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	191970	38.044	ng		96
20) 3+4-Methylphenols	7.37	107	282485	45.672	ng	#	70
22) Acetophenone	7.37	105	372951	42.540	ng	#	93
24) Nitrobenzene	7.55	77	313942	43.608	ng		99
25) Isophorone	7.78	82	571169	45.967	ng		98
26) 2-Nitrophenol	7.86	139	153653	45.212	ng		97
27) 2,4-Dimethylphenol	7.90	122	259627	49.425	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	362181	43.412	ng		99
29) 2,4-Dichlorophenol	8.11	162	250804	45.605	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	262099	43.263	ng		97
31) Naphthalene	8.27	128	787678	42.993	ng		98
32) Benzoic acid	8.02	122	148666m	39.994	ng		
33) 4-Chloroaniline	8.31	127	160982	20.941	ng		98
34) Hexachlorobutadiene	8.38	225	170023	43.070	ng		99
35) Caprolactam	8.70	113	76885m	42.889	ng		
36) 4-Chloro-3-methylphenol	8.81	107	262683	45.380	ng		98
37) 2-Methylnaphthalene	8.96	142	545631	44.931	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	274551	43.151	ng		98
40) Hexachlorocyclopentadiene	9.11	237	338325	103.351	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	188482	44.565	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	194413	44.053	ng		94
45) 1,1'-Biphenyl	9.42	154	640708	42.552	ng		99
46) 2-Chloronaphthalene	9.45	162	520150	43.887	ng		95
47) 2-Nitroaniline	9.55	65	173979	43.653	ng		91
48) Acenaphthylene	9.87	152	818937	43.766	ng		99
49) Dimethylphthalate	9.72	163	603301	42.576	ng	#	99
50) 2,6-Dinitrotoluene	9.79	165	133338	44.438	ng		98
51) Acenaphthene	10.04	154	468992	39.802	ng		98
52) 3-Nitroaniline	9.96	138	99319	28.764	ng		100
53) 2,4-Dinitrophenol	10.07	184	116847	75.239	ng	#	18
54) Dibenzofuran	10.21	168	699495	43.353	ng		98
55) 4-Nitrophenol	10.14	139	180657	74.957	ng		92
56) 2,4-Dinitrotoluene	10.20	165	177506	45.322	ng	#	95
57) Fluorene	10.56	166	543907	42.481	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	164641	46.931	ng	#	83
59) Diethylphthalate	10.42	149	579999	42.408	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	281556	42.029	ng		92
61) 4-Nitroaniline	10.58	138	132014	38.524	ng		99
62) Azobenzene	10.71	77	594117	44.113	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	87194	38.553	ng		88
65) n-Nitrosodiphenylamine	10.67	169	507422	41.232	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	194774	44.606	ng	#	84
67) Hexachlorobenzene	11.10	284	202936	44.404	ng	#	88
68) Atrazine	11.19	200	167542	42.825	ng		98
69) Pentachlorophenol	11.30	266	169068	74.141	ng		97
70) Phenanthrene	11.52	178	786484	44.568	ng		99
71) Anthracene	11.58	178	803726	44.621	ng		98
72) Carbazole	11.73	167	668803	39.659	ng		99
73) Di-n-butylphthalate	12.05	149	857688	43.171	ng		100
74) Fluoranthene	12.72	202	774966	39.843	ng		97
76) Benzidine	12.84	184	163246	25.523	ng		98
77) Pyrene	12.95	202	758938	51.247	ng		99
79) Butylbenzylphthalate	13.55	149	289761	47.589	ng	#	96
80) Benzo(a)anthracene	14.14	228	606021	44.276	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	169332	35.200	ng		98
82) Chrysene	14.18	228	565277	44.891	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	362120	46.518	ng		100
84) Di-n-octyl phthalate	14.76	149	556806	43.881	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	767015	71.776	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	586916m	38.572	ng		
88) Benzo(k)fluoranthene	15.28	252	584408	40.331	ng	#	97
89) Benzo(a)pyrene	15.64	252	607248	44.892	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	626490	54.649	ng		96
91) Benzo(g,h,i)perylene	17.76	276	659952	58.898	ng	#	92

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

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