Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108278.D
Acq On : 20 Aug 2018 9:58
Operator : JU/SJ
Sample : PB112066BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112066BS

Manual Integrations APPROVED
Sohil
8/21/2018 6:33:28 PM

Quant Time: Aug 20 11:16:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	161575	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	670909	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	351325	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	713898	20.00	ng		0.00
75) Chrysene-d12	14.22	240	549722	20.00	ng		0.00
86) Perylene-d12	15.78	264	401536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1335583	149.65	ng		0.03
7) Phenol-d6	6.65	99	1810234	152.64	ng		0.02
23) Nitrobenzene-d5	7.58	82	943809	78.50	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	571405	163.05	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1861840	85.08	ng		0.00
78) Terphenyl-d14	13.15	244	2040911	94.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	167753	36.581	ng		90
3) Pyridine	3.77	79	455679	38.575	ng		88
4) n-Nitrosodimethylamine	3.73	42	247529	37.239	ng	#	84
6) Aniline	6.68	93	541032	33.539	ng		97
8) 2-Chlorophenol	6.81	128	451008	44.870	ng		97
9) Benzaldehyde	6.57	77	236404	25.710	ng		97
10) Phenol	6.66	94	572196	46.644	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	434743	43.836	ng		96
12) 1,3-Dichlorobenzene	6.96	146	502613	43.246	ng		99
13) 1,4-Dichlorobenzene	7.04	146	501835	42.976	ng		97
14) 1,2-Dichlorobenzene	7.19	146	474722	43.707	ng		98
15) Benzyl Alcohol	7.15	79	421334	42.201	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	805015	39.402	ng		100
17) 2-Methylphenol	7.26	107	398035	46.177	ng		94
18) Hexachloroethane	7.53	117	182869	43.989	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	341531	42.586	ng		93
20) 3+4-Methylphenols	7.41	107	487017	44.090	ng	#	87
22) Acetophenone	7.42	105	651677	41.541	ng	#	94
24) Nitrobenzene	7.60	77	510579	41.995	ng		96
25) Isophorone	7.84	82	934966	40.799	ng		98
26) 2-Nitrophenol	7.91	139	221073	48.149	ng		90
27) 2,4-Dimethylphenol	7.94	122	435616	42.829	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	566223	42.324	ng		98
29) 2,4-Dichlorophenol	8.15	162	415414	44.382	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	435232	42.175	ng		98
31) Naphthalene	8.32	128	1319672	43.252	ng		99
32) Benzoic acid	8.07	122	201824	35.913	ng		95
33) 4-Chloroaniline	8.37	127	372237	27.995	ng		97
34) Hexachlorobutadiene	8.43	225	278225	42.588	ng		98
35) Caprolactam	8.74	113	124319m	42.383	ng		
36) 4-Chloro-3-methylphenol	8.85	107	430806	42.665	ng		99
37) 2-Methylnaphthalene	9.01	142	922237	42.721	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	463262	42.939	ng		98
40) Hexachlorocyclopentadiene	9.17	237	476610	68.394	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	305633	45.651	ng		98
43) 2,4,5-Trichlorophenol	9.34	196	333175	45.207	ng		93
45) 1,1'-Biphenyl	9.48	154	1120336	43.251	ng		99
46) 2-Chloronaphthalene	9.51	162	884298	43.194	ng		98
47) 2-Nitroaniline	9.61	65	293258	44.270	ng		95
48) Acenaphthylene	9.93	152	1416264	43.757	ng		99
49) Dimethylphthalate	9.78	163	1044979	42.700	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	231210	45.157	ng		95
51) Acenaphthene	10.10	154	828155	41.775	ng		98
52) 3-Nitroaniline	10.02	138	189177	33.769	ng		99
53) 2,4-Dinitrophenol	10.13	184	171728	88.776	ng	#	19
54) Dibenzofuran	10.27	168	1229351	42.804	ng		95
55) 4-Nitrophenol	10.18	139	359316	84.700	ng		98
56) 2,4-Dinitrotoluene	10.25	165	310007	47.037	ng	#	99
57) Fluorene	10.62	166	991755	43.621	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	285289	46.313	ng	#	86
59) Diethylphthalate	10.48	149	1014648	42.816	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	509869	43.038	ng		95
61) 4-Nitroaniline	10.64	138	248010	44.778	ng		93
62) Azobenzene	10.77	77	1030995	42.127	ng		94
64) 4,6-Dinitro-2-methylphenol	10.67	198	116750	44.055	ng		91
65) n-Nitrosodiphenylamine	10.72	169	901835	42.748	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	332739	42.889	ng	#	81
67) Hexachlorobenzene	11.17	284	346609	42.462	ng	#	84
68) Atrazine	11.25	200	306747	43.351	ng		96
69) Pentachlorophenol	11.37	266	335159	85.783	ng		98
70) Phenanthrene	11.59	178	1441358	42.806	ng		99
71) Anthracene	11.64	178	1492045	43.233	ng		98
72) Carbazole	11.80	167	1321811	43.108	ng		98
73) Di-n-butylphthalate	12.11	149	1560787	44.939	ng		99
74) Fluoranthene	12.78	202	1578438	42.952	ng		96
76) Benzidine	12.90	184	697331	33.952	ng		99
77) Pyrene	13.02	202	1594625	45.818	ng		98
79) Butylbenzylphthalate	13.62	149	670156	48.493	ng	#	96
80) Benzo(a)anthracene	14.21	228	1382373	43.818	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	350571	31.007	ng	#	96
82) Chrysene	14.25	228	1248471	43.165	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	852204	45.537	ng		98
84) Di-n-octyl phthalate	14.79	149	1384667	48.514	ng		98
85) Indeno(1,2,3-cd)pyrene	17.41	276	958709	38.255	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1135936	47.344	ng	#	96
88) Benzo(k)fluoranthene	15.35	252	1016118	46.070	ng	#	96
89) Benzo(a)pyrene	15.72	252	984707	45.831	ng	#	96
90) Dibenzo(a,h)anthracene	17.43	278	803264	45.185	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	793401	45.325	ng	#	89

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

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