Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106866.D
Acq On : 27 Jun 2018 12:46
Operator : JU/SJ
Sample : PB110533BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Manual Integrations APPROVED
Sohil
6/28/2018 2:21:29 PM

Quant Time: Jun 27 14:19:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	47640	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	184016	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	97614	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	204981	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	154381	20.00	ng		-0.02
86) Perylene-d12	15.69	264	130435	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	332956	118.35	ng		0.00
7) Phenol-d6	6.61	99	425535	121.12	ng		0.00
23) Nitrobenzene-d5	7.52	82	276411	83.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	157168	138.92	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	529929	93.34	ng		-0.01
78) Terphenyl-d14	13.08	244	671917	105.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	42775	29.573	ng		98
3) Pyridine	3.65	79	125606	32.020	ng		96
4) n-Nitrosodimethylamine	3.61	42	55574	33.356	ng		88
6) Aniline	6.62	93	137089	28.765	ng	#	91
8) 2-Chlorophenol	6.75	128	126014	40.837	ng		98
9) Benzaldehyde	6.51	77	75023	29.150	ng		94
10) Phenol	6.62	94	153616	38.312	ng		78
11) bis(2-Chloroethyl)ether	6.69	93	125885	38.030	ng		99
12) 1,3-Dichlorobenzene	6.90	146	145942	40.381	ng		97
13) 1,4-Dichlorobenzene	6.97	146	146630	40.130	ng		99
14) 1,2-Dichlorobenzene	7.12	146	138027	41.218	ng		98
15) Benzyl Alcohol	7.10	79	110547	39.185	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	171577	39.506	ng		74
17) 2-Methylphenol	7.21	107	109455	41.449	ng	#	93
18) Hexachloroethane	7.47	117	50325	39.165	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	85587	36.956	ng		93
20) 3+4-Methylphenols	7.37	107	132209	46.948	ng	#	71
22) Acetophenone	7.37	105	170005	41.294	ng	#	95
24) Nitrobenzene	7.54	77	136461	40.366	ng		100
25) Isophorone	7.78	82	250386	42.912	ng		100
26) 2-Nitrophenol	7.85	139	72569	45.473	ng		100
27) 2,4-Dimethylphenol	7.89	122	118379	47.991	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	158027	40.337	ng		99
29) 2,4-Dichlorophenol	8.10	162	119328	46.207	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	131160	46.104	ng		97
31) Naphthalene	8.26	128	375160	43.607	ng		99
32) Benzoic acid	8.02	122	67326	38.774	ng		99
33) 4-Chloroaniline	8.31	127	58335	16.160	ng		98
34) Hexachlorobutadiene	8.37	225	83830	45.223	ng		98
35) Caprolactam	8.69	113	41170m	48.907	ng		
36) 4-Chloro-3-methylphenol	8.81	107	124741	45.891	ng		96
37) 2-Methylnaphthalene	8.95	142	277413	48.648	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	145474	44.253	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	115825	68.482	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	88273	40.397	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	94275	41.346	ng	#	88
45) 1,1'-Biphenyl	9.42	154	330861	42.531	ng		98
46) 2-Chloronaphthalene	9.45	162	246152	40.198	ng		94
47) 2-Nitroaniline	9.55	65	76143	36.978	ng		96
48) Acenaphthylene	9.87	152	396635	41.027	ng		99
49) Dimethylphthalate	9.71	163	299349	40.888	ng		98
50) 2,6-Dinitrotoluene	9.78	165	69905	45.092	ng		90
51) Acenaphthene	10.04	154	238002	39.094	ng		97
52) 3-Nitroaniline	9.96	138	37684	21.124	ng		90
53) 2,4-Dinitrophenol	10.07	184	68228	84.336	ng	#	18
54) Dibenzofuran	10.21	168	370056	44.391	ng		97
55) 4-Nitrophenol	10.14	139	76553	61.477	ng		96
56) 2,4-Dinitrotoluene	10.20	165	92610	45.766	ng	#	85
57) Fluorene	10.55	166	290087	43.853	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	85248	47.033	ng	#	78
59) Diethylphthalate	10.41	149	278845	39.462	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	150224	43.403	ng	#	87
61) 4-Nitroaniline	10.58	138	70814	39.997	ng		92
62) Azobenzene	10.70	77	270032	38.807	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	56583	44.656	ng	#	68
65) n-Nitrosodiphenylamine	10.66	169	256183	37.157	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	104812	42.844	ng	#	79
67) Hexachlorobenzene	11.10	284	112519	43.945	ng	#	80
68) Atrazine	11.18	200	91482	41.738	ng		95
69) Pentachlorophenol	11.30	266	87294	68.329	ng		98
70) Phenanthrene	11.52	178	437818	44.284	ng		99
71) Anthracene	11.57	178	454947	45.083	ng		100
72) Carbazole	11.73	167	401072	42.451	ng		98
73) Di-n-butylphthalate	12.04	149	445115	39.990	ng		99
74) Fluoranthene	12.71	202	486732	44.666	ng		95
76) Benzidine	12.83	184	137215	31.208	ng		97
77) Pyrene	12.94	202	490124	48.144	ng		100
79) Butylbenzylphthalate	13.54	149	177095	42.310	ng	#	97
80) Benzo(a)anthracene	14.14	228	419586	44.594	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	57303	17.328	ng	#	97
82) Chrysene	14.18	228	381049	44.020	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	226825	42.387	ng	#	97
84) Di-n-octyl phthalate	14.74	149	326856	37.472	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	394084	53.646	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	337406	41.642	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	335974	43.542	ng	#	95
89) Benzo(a)pyrene	15.63	252	328384	45.590	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	323139	52.935	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	346623	58.094	ng	#	90

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

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