Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107692.D
Acq On : 26 Jul 2018 8:10
Operator : JU/SJ
Sample : PB111438BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111438BS

Quant Time: Jul 26 08:42:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188378	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	701543	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	278878	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	486891	20.00	ng		0.00
75) Chrysene-d12	14.16	240	338553	20.00	ng		0.00
86) Perylene-d12	15.69	264	290963	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	977437	83.42	ng		0.00
7) Phenol-d6	6.61	99	1171643	83.28	ng		0.00
23) Nitrobenzene-d5	7.54	82	1091912	105.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	302160	95.28	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1929916	142.30	ng		-0.01
78) Terphenyl-d14	13.09	244	1470184	111.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	172259	31.587	ng	#	85
3) Pyridine	3.67	79	451468	30.431	ng		87
4) n-Nitrosodimethylamine	3.64	42	202553	32.372	ng	#	99
6) Aniline	6.64	93	475808	26.223	ng	#	78
8) 2-Chlorophenol	6.76	128	545095	43.425	ng		98
9) Benzaldehyde	6.52	77	185196	18.534	ng		92
10) Phenol	6.62	94	636615	38.477	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	459044	33.465	ng		92
12) 1,3-Dichlorobenzene	6.91	146	576200	40.487	ng		98
13) 1,4-Dichlorobenzene	6.98	146	623357	42.734	ng		98
14) 1,2-Dichlorobenzene	7.14	146	539602	41.221	ng		99
15) Benzyl Alcohol	7.11	79	413478	43.124	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	855899	36.986	ng		84
17) 2-Methylphenol	7.22	107	453120	42.471	ng	#	90
18) Hexachloroethane	7.48	117	172573	33.730	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	364272	40.081	ng		99
20) 3+4-Methylphenols	7.38	107	538320	42.492	ng	#	59
22) Acetophenone	7.38	105	767330	46.573	ng	#	89
24) Nitrobenzene	7.55	77	538561	45.233	ng		98
25) Isophorone	7.79	82	1001305	45.113	ng		99
26) 2-Nitrophenol	7.87	139	252674	50.254	ng		97
27) 2,4-Dimethylphenol	7.90	122	482195	50.665	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	646474	43.584	ng		99
29) 2,4-Dichlorophenol	8.11	162	451810	46.446	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	482761	44.186	ng		99
31) Naphthalene	8.27	128	1506844	48.845	ng		98
32) Benzoic acid	8.03	122	236908	37.688	ng		99
33) 4-Chloroaniline	8.33	127	229495	17.020	ng		98
34) Hexachlorobutadiene	8.38	225	285745	44.014	ng		99
35) Caprolactam	8.70	113	135651	42.873	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	476621	44.108	ng		97
37) 2-Methylnaphthalene	8.97	142	1006338	47.074	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	471542	50.694	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	67923	14.365	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	289030	48.545	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	312825	50.272	ng		98
45) 1,1'-Biphenyl	9.43	154	1225939	50.464	ng		98
46) 2-Chloronaphthalene	9.46	162	886598	47.746	ng		99
47) 2-Nitroaniline	9.56	65	310932	57.436	ng		92
48) Acenaphthylene	9.88	152	1406206	50.411	ng		99
49) Dimethylphthalate	9.72	163	1065314	50.686	ng		99
50) 2,6-Dinitrotoluene	9.79	165	204658	49.044	ng		93
51) Acenaphthene	10.05	154	823494	47.117	ng		99
52) 3-Nitroaniline	9.97	138	212458	41.851	ng		98
53) 2,4-Dinitrophenol	10.08	184	33121	28.532	ng	#	53
54) Dibenzofuran	10.22	168	1198927	46.596	ng		99
55) 4-Nitrophenol	10.14	139	275434	72.466	ng		96
56) 2,4-Dinitrotoluene	10.20	165	236831	47.017	ng		97
57) Fluorene	10.57	166	925389	50.412	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	253455	48.940	ng	#	84
59) Diethylphthalate	10.42	149	1048325	47.758	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	470886	45.376	ng		96
61) 4-Nitroaniline	10.59	138	227869	53.425	ng		93
62) Azobenzene	10.71	77	891387	43.306	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	27532	18.276	ng		91
65) n-Nitrosodiphenylamine	10.67	169	833241	50.389	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	276051	48.164	ng	#	87
67) Hexachlorobenzene	11.11	284	285752	45.311	ng	#	85
68) Atrazine	11.19	200	242285	47.989	ng		94
69) Pentachlorophenol	11.31	266	266492	67.653	ng		99
70) Phenanthrene	11.53	178	1165963	49.142	ng		99
71) Anthracene	11.58	178	1279821	53.574	ng		99
72) Carbazole	11.74	167	1157424	46.592	ng		99
73) Di-n-butylphthalate	12.05	149	1456784	65.337	ng		99
74) Fluoranthene	12.72	202	1226806	48.185	ng		96
76) Benzidine	12.85	184	894217	91.717	ng		97
77) Pyrene	12.95	202	1194979	51.603	ng		99
79) Butylbenzylphthalate	13.55	149	563932	56.626	ng		96
80) Benzo(a)anthracene	14.15	228	978731	49.332	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	347606	69.143	ng	#	95
82) Chrysene	14.18	228	978403	51.338	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	722034	51.383	ng		100
84) Di-n-octyl phthalate	14.73	149	1214651	55.611	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	787779	48.772	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	825100	51.815	ng		98
88) Benzo(k)fluoranthene	15.27	252	822784	52.739	ng	#	96
89) Benzo(a)pyrene	15.62	252	769228	52.809	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	672907	53.441	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	628164	50.576	ng		94

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

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