Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107577.D
Acq On : 21 Jul 2018 15:34
Operator : JU/SJ
Sample : PB111309BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Manual Integrations APPROVED
Sohil
7/23/2018 12:45:04 PM

Quant Time: Jul 23 05:09:31 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	330257	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1218096	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	507274	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	889789	20.00	ng		0.00
75) Chrysene-d12	14.17	240	715116	20.00	ng		0.00
86) Perylene-d12	15.69	264	646816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1655473	80.59	ng		0.00
7) Phenol-d6	6.61	99	1973035	80.00	ng		0.00
23) Nitrobenzene-d5	7.54	82	1810820	100.33	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	515588	89.38	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	3003712	109.65	ng		0.00
78) Terphenyl-d14	13.10	244	2424627	86.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	313290	32.769	ng	#	87
3) Pyridine	3.67	79	874579	33.625	ng	#	85
4) n-Nitrosodimethylamine	3.64	42	409216	37.304	ng		96
6) Aniline	6.64	93	683787	21.495	ng	#	82
8) 2-Chlorophenol	6.77	128	902433	41.007	ng		97
9) Benzaldehyde	6.53	77	394195	23.503	ng		94
10) Phenol	6.62	94	1071892	36.953	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	869391	36.152	ng		91
12) 1,3-Dichlorobenzene	6.91	146	956450	38.333	ng		97
13) 1,4-Dichlorobenzene	6.99	146	1009264	39.466	ng		98
14) 1,2-Dichlorobenzene	7.15	146	895519	39.021	ng		99
15) Benzyl Alcohol	7.12	79	702288	41.779	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1473359	36.316	ng		85
17) 2-Methylphenol	7.23	107	764424	40.869	ng	#	92
18) Hexachloroethane	7.48	117	313725	34.976	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	607094	38.102	ng		97
20) 3+4-Methylphenols	7.38	107	937350	42.204	ng	#	69
22) Acetophenone	7.38	105	1248125	43.630	ng	#	90
24) Nitrobenzene	7.56	77	925714	44.779	ng		99
25) Isophorone	7.80	82	1705669	44.259	ng		97
26) 2-Nitrophenol	7.87	139	463088	53.045	ng		95
27) 2,4-Dimethylphenol	7.91	122	802431	48.559	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1123260	43.614	ng		99
29) 2,4-Dichlorophenol	8.12	162	750271	44.420	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	789050	41.594	ng		99
31) Naphthalene	8.28	128	2413058	45.049	ng		97
32) Benzoic acid	8.04	122	469235	41.880	ng		99
33) 4-Chloroaniline	8.34	127	155677	6.649	ng	#	93
34) Hexachlorobutadiene	8.39	225	466135	41.352	ng		99
35) Caprolactam	8.71	113	235429m	42.854	ng		
36) 4-Chloro-3-methylphenol	8.82	107	808071	43.069	ng		99
37) 2-Methylnaphthalene	8.97	142	1657217	44.647	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	779755	46.086	ng		97
40) Hexachlorocyclopentadiene	9.12	237	391346	45.500	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	493995	45.613	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	528397	46.683	ng		94
45) 1,1'-Biphenyl	9.44	154	1964808	44.463	ng		97
46) 2-Chloronaphthalene	9.47	162	1471609	43.568	ng		99
47) 2-Nitroaniline	9.57	65	511384	51.932	ng		89
48) Acenaphthylene	9.88	152	2273914	44.815	ng		95
49) Dimethylphthalate	9.74	163	1796404	46.988	ng		98
50) 2,6-Dinitrotoluene	9.80	165	370435	48.802	ng	#	89
51) Acenaphthene	10.05	154	1431514	45.028	ng		98
52) 3-Nitroaniline	9.98	138	234302	25.373	ng		97
53) 2,4-Dinitrophenol	10.08	184	177274	58.073	ng	#	25
54) Dibenzofuran	10.22	168	1978115	42.264	ng		95
55) 4-Nitrophenol	10.15	139	561018	81.146	ng		97
56) 2,4-Dinitrotoluene	10.21	165	451840	49.314	ng		96
57) Fluorene	10.57	166	1537309	46.041	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	419730	44.556	ng		89
59) Diethylphthalate	10.44	149	1754293	43.936	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	784913	41.582	ng		92
61) 4-Nitroaniline	10.60	138	333925	43.041	ng		98
62) Azobenzene	10.72	77	1550992	41.425	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	125343	32.583	ng		89
65) n-Nitrosodiphenylamine	10.68	169	1375203	45.507	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	471202	44.986	ng		93
67) Hexachlorobenzene	11.12	284	493971	42.861	ng	#	87
68) Atrazine	11.20	200	428522	46.444	ng		96
69) Pentachlorophenol	11.31	266	509841	70.824	ng		98
70) Phenanthrene	11.54	178	1918246	44.240	ng		99
71) Anthracene	11.59	178	2047461	46.899	ng		97
72) Carbazole	11.75	167	1914570	42.173	ng		98
73) Di-n-butylphthalate	12.06	149	2356896	53.303	ng		97
74) Fluoranthene	12.73	202	2080902	44.723	ng		98
76) Benzidine	12.85	184	1019412	49.500	ng		98
77) Pyrene	12.96	202	2076148	42.444	ng		98
79) Butylbenzylphthalate	13.57	149	1033525	49.131	ng		95
80) Benzo(a)anthracene	14.15	228	1900430	45.349	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	582980	47.783	ng	#	97
82) Chrysene	14.19	228	1818163	45.165	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1349627	45.470	ng		99
84) Di-n-octyl phthalate	14.74	149	2325821	50.412	ng		100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1582251	46.376	ng		95
87) Benzo(b)fluoranthene	15.24	252	1679711	47.450	ng		98
88) Benzo(k)fluoranthene	15.27	252	1670668	48.171	ng		98
89) Benzo(a)pyrene	15.64	252	1565495	48.346	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	1344354	48.028	ng		97
91) Benzo(g,h,i)perylene	17.76	276	1292318	46.806	ng		94

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

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