Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110457.D
Acq On : 5 Nov 2018 11:39
Operator : JU/SJ
Sample : PB114468BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:52 AM

Quant Time: Nov 05 12:34:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82585	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	350952	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	166361	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	307879	20.00	ng		0.00
76) Chrysene-d12	14.14	240	224982	20.00	ng		0.00
87) Perylene-d12	15.66	264	162929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	755787	149.03	ng		0.02
7) Phenol-d6	6.59	99	963310	148.51	ng		0.00
23) Nitrobenzene-d5	7.52	82	485688	82.08	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	245564	149.01	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	931778	87.95	ng		0.00
79) Terphenyl-d14	13.07	244	883439	81.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	128009	48.177	ng		89
3) Pyridine	3.68	79	239618	40.490	ng	#	84
4) n-Nitrosodimethylamine	3.64	42	112398	45.332	ng	#	89
6) Aniline	6.62	93	294840	34.892	ng	#	54
8) 2-Chlorophenol	6.75	128	248169	42.445	ng		99
9) Benzaldehyde	6.51	77	165196	45.710	ng		97
10) Phenol	6.60	94	307460	44.342	ng	#	67
11) bis(2-Chloroethyl)ether	6.69	93	227042	39.800	ng		97
12) 1,3-Dichlorobenzene	6.90	146	265404	41.248	ng		97
13) 1,4-Dichlorobenzene	6.97	146	269208	41.369	ng		100
14) 1,2-Dichlorobenzene	7.13	146	255145	42.235	ng		98
15) Benzyl Alcohol	7.10	79	210275	42.147	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	374158	41.022	ng		70
17) 2-Methylphenol	7.20	107	201550	43.254	ng	#	83
18) Hexachloroethane	7.46	117	100410	42.145	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	170456	40.960	ng		95
20) 3+4-Methylphenols	7.36	107	249797	41.472	ng	#	84
22) Acetophenone	7.36	105	344804	42.638	ng	#	93
24) Nitrobenzene	7.54	77	254425	41.649	ng		93
25) Isophorone	7.77	82	469552	46.555	ng		96
26) 2-Nitrophenol	7.86	139	131690	45.302	ng		91
27) 2,4-Dimethylphenol	7.89	122	225792	46.849	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	297960	43.486	ng		98
29) 2,4-Dichlorophenol	8.10	162	208895	42.901	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	224199	41.107	ng		96
31) Naphthalene	8.26	128	726865	44.938	ng		99
32) Benzoic acid	8.02	122	131830	35.391	ng		92
33) 4-Chloroaniline	8.31	127	178557	24.528	ng		98
34) Hexachlorobutadiene	8.37	225	126689	41.835	ng		97
35) Caprolactam	8.68	113	71726m	42.263	ng		
36) 4-Chloro-3-methylphenol	8.79	107	224506	42.638	ng		98
37) 2-Methylnaphthalene	8.95	142	503183	47.018	ng		99
38) 1-Methylnaphthalene	9.05	142	468289	45.281	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	216083	41.687	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	198115	74.747 ng		98
43) 2,4,6-Trichlorophenol	9.23	196	138083	41.302 ng		94
44) 2,4,5-Trichlorophenol	9.27	196	152092	43.037 ng		95
46) 1,1'-Biphenyl	9.42	154	605508	40.249 ng		99
47) 2-Chloronaphthalene	9.45	162	457721	41.478 ng		100
48) 2-Nitroaniline	9.55	65	141408	42.287 ng		93
49) Acenaphthylene	9.86	152	713516	44.766 ng		99
50) Dimethylphthalate	9.71	163	517815	42.166 ng		99
51) 2,6-Dinitrotoluene	9.78	165	115737	43.753 ng		98
52) Acenaphthene	10.03	154	427212	40.516 ng		98
53) 3-Nitroaniline	9.96	138	89986	28.606 ng		89
54) 2,4-Dinitrophenol	10.07	184	93374	88.363 ng		92
55) Dibenzofuran	10.20	168	616058	41.730 ng		99
56) 4-Nitrophenol	10.13	139	240589	103.338 ng		91
57) 2,4-Dinitrotoluene	10.19	165	152437	45.369 ng		94
58) Fluorene	10.55	166	500079	45.515 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	124431	43.198 ng		94
60) Diethylphthalate	10.41	149	512284	42.734 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	237608	40.995 ng		97
62) 4-Nitroaniline	10.57	138	126433	40.411 ng		92
63) Azobenzene	10.70	77	502236	42.208 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	60359	42.911 ng		89
66) n-Nitrosodiphenylamine	10.66	169	429661	42.547 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	138343	41.425 ng		93
68) Hexachlorobenzene	11.10	284	147959	41.756 ng	#	91
69) Atrazine	11.18	200	138253	43.322 ng		98
70) Pentachlorophenol	11.30	266	141110	68.295 ng		98
71) Phenanthrene	11.52	178	721454	44.784 ng		100
72) Anthracene	11.57	178	751311	46.528 ng		99
73) Carbazole	11.72	167	647026	41.039 ng		100
74) Di-n-butylphthalate	12.03	149	785724	44.126 ng		99
75) Fluoranthene	12.71	202	721673	44.141 ng		99
77) Benzidine	12.83	184	391175	Below Cal		97
78) Pyrene	12.94	202	733437	45.472 ng		98
80) Butylbenzylphthalate	13.54	149	316809	45.253 ng		95
81) Benzo(a)anthracene	14.13	228	586270	43.942 ng		100
82) 3,3'-Dichlorobenzidine	14.09	252	131210	28.242 ng		100
83) Chrysene	14.17	228	547192	43.180 ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	406426	42.946 ng		97
85) Di-n-octyl phthalate	14.70	149	633872	43.076 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	407782	38.789 ng		98
88) Benzo(b)fluoranthene	15.21	252	445531	47.354 ng		99
89) Benzo(k)fluoranthene	15.24	252	429325	46.416 ng		99
90) Benzo(a)pyrene	15.60	252	407284	47.045 ng		97
91) Dibenzo(a,h)anthracene	17.24	278	341067	45.658 ng		98
92) Benzo(g,h,i)perylene	17.71	276	341347	46.372 ng		97

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

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