Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110488.D
Acq On : 6 Nov 2018 2:40
Operator : JU/SJ
Sample : PB114474BSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Manual Integrations APPROVED
Sohil
11/6/2018 9:01:23 AM

Quant Time: Nov 06 05:20:42 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	6.95	152	92845	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	360312	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	158403	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	242377	20.00	ng		0.00
76) Chrysene-d12	14.14	240	159097	20.00	ng		0.00
87) Perylene-d12	15.66	264	120386	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	516696	90.63	ng		0.01
7) Phenol-d6	6.59	99	661794	90.75	ng		0.00
23) Nitrobenzene-d5	7.52	82	603784	99.39	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	132268	84.30	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1096764	108.72	ng		0.00
79) Terphenyl-d14	13.07	244	770705	100.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	84378	28.247	ng		90
3) Pyridine	3.65	79	240211	36.104	ng	#	82
4) n-Nitrosodimethylamine	3.62	42	125310	44.955	ng		91
6) Aniline	6.62	93	172117	18.118	ng	#	53
8) 2-Chlorophenol	6.75	128	291234	44.306	ng		98
9) Benzaldehyde	6.51	77	179303	43.387	ng		98
10) Phenol	6.60	94	348591	44.719	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	261871	40.833	ng		93
12) 1,3-Dichlorobenzene	6.90	146	297267	41.094	ng		96
13) 1,4-Dichlorobenzene	6.97	146	302930	41.406	ng		98
14) 1,2-Dichlorobenzene	7.13	146	284812	41.936	ng		99
15) Benzyl Alcohol	7.10	79	246237	43.901	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	423847	41.335	ng		71
17) 2-Methylphenol	7.20	107	236662	45.176	ng	#	83
18) Hexachloroethane	7.46	117	109922	41.039	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	196889	42.084	ng		94
20) 3+4-Methylphenols	7.36	107	296317	43.759	ng	#	83
22) Acetophenone	7.36	105	392611	47.289	ng	#	92
24) Nitrobenzene	7.54	77	292417	46.625	ng		98
25) Isophorone	7.77	82	542924	52.431	ng		98
26) 2-Nitrophenol	7.86	139	147008	49.257	ng		92
27) 2,4-Dimethylphenol	7.89	122	262384	53.027	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	338395	48.105	ng		100
29) 2,4-Dichlorophenol	8.10	162	237893	47.588	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	254387	45.430	ng		97
31) Naphthalene	8.26	128	819096	49.324	ng		100
32) Benzoic acid	8.01	122	110390	28.865	ng		94
33) 4-Chloroaniline	8.31	127	57173	7.650	ng		97
34) Hexachlorobutadiene	8.37	225	141948	45.656	ng		99
35) Caprolactam	8.69	113	72778m	41.769	ng		
36) 4-Chloro-3-methylphenol	8.79	107	253317	46.860	ng		98
37) 2-Methylnaphthalene	8.95	142	559924	50.961	ng		98
38) 1-Methylnaphthalene	9.05	142	524949	49.441	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	236737	47.966	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	128074	50.749 ng		99
43) 2,4,6-Trichlorophenol	9.23	196	152852	48.016 ng		95
44) 2,4,5-Trichlorophenol	9.27	196	162068	48.164 ng		94
46) 1,1'-Biphenyl	9.42	154	674194	47.066 ng		99
47) 2-Chloronaphthalene	9.45	162	497411	47.339 ng		99
48) 2-Nitroaniline	9.55	65	155064	48.700 ng		94
49) Acenaphthylene	9.86	152	758303	49.966 ng		99
50) Dimethylphthalate	9.71	163	592186	50.645 ng		99
51) 2,6-Dinitrotoluene	9.79	165	125048	49.648 ng	#	84
52) Acenaphthene	10.03	154	451327	44.954 ng		98
53) 3-Nitroaniline	9.95	138	58230	19.441 ng		98
54) 2,4-Dinitrophenol	10.07	184	32006	35.122 ng		91
55) Dibenzofuran	10.20	168	651199	46.327 ng		98
56) 4-Nitrophenol	10.12	139	227394	102.577 ng		97
57) 2,4-Dinitrotoluene	10.19	165	154690	48.353 ng		93
58) Fluorene	10.55	166	514538	49.184 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	120118	43.796 ng		95
60) Diethylphthalate	10.41	149	558465	48.927 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	248982	45.115 ng		96
62) 4-Nitroaniline	10.57	138	103421	34.716 ng		93
63) Azobenzene	10.70	77	511989	45.189 ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	27356	24.704 ng		96
66) n-Nitrosodiphenylamine	10.66	169	444684	55.935 ng		96
67) 4-Bromophenyl-phenylether	11.03	248	140697	53.516 ng		95
68) Hexachlorobenzene	11.10	284	137138	49.162 ng	#	93
69) Atrazine	11.18	200	142632	56.772 ng		97
70) Pentachlorophenol	11.29	266	112746	69.314 ng		99
71) Phenanthrene	11.52	178	655468	51.684 ng		99
72) Anthracene	11.57	178	669334	52.654 ng		99
73) Carbazole	11.72	167	562034	45.282 ng		99
74) Di-n-butylphthalate	12.03	149	773406	55.173 ng		99
75) Fluoranthene	12.70	202	575743	44.732 ng		99
77) Benzidine	12.83	184	264329	Below Cal		96
78) Pyrene	12.94	202	564374	49.481 ng		98
80) Butylbenzylphthalate	13.53	149	260298	52.579 ng		99
81) Benzo(a)anthracene	14.13	228	476663	50.522 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	118596	36.098 ng		99
83) Chrysene	14.16	228	452170	50.459 ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	344301	51.448 ng		96
85) Di-n-octyl phthalate	14.70	149	574611	55.219 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	320194	43.071 ng		97
88) Benzo(b)fluoranthene	15.20	252	396621	57.053 ng		99
89) Benzo(k)fluoranthene	15.24	252	370333	54.187 ng		99
90) Benzo(a)pyrene	15.60	252	349226	54.594 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	270883	49.077 ng		99
92) Benzo(g,h,i)perylene	17.70	276	255232	46.926 ng		98

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

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