Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110883.D
Acq On : 20 Nov 2018 5:44
Operator : JU/SJ
Sample : PB114909BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:58 AM

Quant Time: Nov 20 06:39:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53359	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	218519	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	91488	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	148539	20.00	ng		0.00
76) Chrysene-d12	14.13	240	120390	20.00	ng		0.00
87) Perylene-d12	15.66	264	79106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	322524	98.18	ng		0.00
7) Phenol-d6	6.57	99	392711	93.49	ng		0.00
23) Nitrobenzene-d5	7.51	82	359283	94.69	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	78318	84.96	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	657959	102.71	ng		0.00
79) Terphenyl-d14	13.06	244	481477	74.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	49619	30.315	ng		88
3) Pyridine	3.60	79	140312	39.715	ng	#	82
4) n-Nitrosodimethylamine	3.56	42	74729	49.296	ng		85
6) Aniline	6.61	93	89697	16.374	ng	#	57
8) 2-Chlorophenol	6.73	128	170267	44.214	ng		99
9) Benzaldehyde	6.50	77	74233	31.005	ng		100
10) Phenol	6.59	94	199071	40.869	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	152120	41.672	ng		94
12) 1,3-Dichlorobenzene	6.88	146	174745	41.472	ng		98
13) 1,4-Dichlorobenzene	6.96	146	178245	41.658	ng		98
14) 1,2-Dichlorobenzene	7.11	146	166204	41.756	ng		98
15) Benzyl Alcohol	7.09	79	140113	42.622	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	236075	41.181	ng		73
17) 2-Methylphenol	7.19	107	131383	42.868	ng	#	84
18) Hexachloroethane	7.45	117	55856	35.361	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	113610	42.369	ng		94
20) 3+4-Methylphenols	7.35	107	168576m	42.847	ng		
22) Acetophenone	7.35	105	229259	45.017	ng	#	92
24) Nitrobenzene	7.53	77	173249	44.564	ng		98
25) Isophorone	7.76	82	299438	48.148	ng		95
26) 2-Nitrophenol	7.85	139	77220	39.816	ng		94
27) 2,4-Dimethylphenol	7.87	122	148010	50.110	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	189723	45.057	ng		100
29) 2,4-Dichlorophenol	8.09	162	133873	44.049	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	146506	42.755	ng		96
31) Naphthalene	8.25	128	471501	45.963	ng		99
32) Benzoic acid	8.00	122	64846	31.029	ng		92
33) 4-Chloroaniline	8.30	127	42743	9.199	ng		97
34) Hexachlorobutadiene	8.35	225	80587	41.174	ng		99
35) Caprolactam	8.67	113	41304	40.678	ng	#	85
36) 4-Chloro-3-methylphenol	8.78	107	141249	43.093	ng		98
37) 2-Methylnaphthalene	8.94	142	313131	46.564	ng		99
38) 1-Methylnaphthalene	9.04	142	291973	45.146	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	132553	45.772	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	1370	8.721	ng		86
43) 2,4,6-Trichlorophenol	9.22	196	83217	45.728	ng		92
44) 2,4,5-Trichlorophenol	9.27	196	86891	44.762	ng		96
46) 1,1'-Biphenyl	9.40	154	376929	44.165	ng		98
47) 2-Chloronaphthalene	9.43	162	275762	44.850	ng		98
48) 2-Nitroaniline	9.53	65	88277	46.591	ng		96
49) Acenaphthylene	9.85	152	424999	47.996	ng		99
50) Dimethylphthalate	9.69	163	326352	47.806	ng		99
51) 2,6-Dinitrotoluene	9.77	165	66327	44.168	ng		91
52) Acenaphthene	10.02	154	248416	44.392	ng		98
53) 3-Nitroaniline	9.95	138	41252	23.711	ng		96
54) 2,4-Dinitrophenol	10.07	184	6120	14.331	ng		89
55) Dibenzofuran	10.19	168	361409	44.143	ng		98
56) 4-Nitrophenol	10.11	139	79292	68.696	ng		94
57) 2,4-Dinitrotoluene	10.19	165	78560	40.234	ng		94
58) Fluorene	10.53	166	283918	45.148	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	64401	42.172	ng	#	93
60) Diethylphthalate	10.39	149	321686	47.631	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	139890	42.963	ng		96
62) 4-Nitroaniline	10.56	138	57221	32.661	ng		95
63) Azobenzene	10.68	77	278690	42.295	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	5945	7.941	ng		93
66) n-Nitrosodiphenylamine	10.64	169	247752	49.484	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	76512	46.607	ng	#	88
68) Hexachlorobenzene	11.09	284	77065	44.525	ng	#	92
69) Atrazine	11.16	200	78443	51.241	ng		100
70) Pentachlorophenol	11.29	266	58607	63.459	ng		96
71) Phenanthrene	11.50	178	378254	47.532	ng		99
72) Anthracene	11.56	178	392491	48.892	ng		99
73) Carbazole	11.72	167	336603	43.661	ng		99
74) Di-n-butylphthalate	12.02	149	449457	49.715	ng		98
75) Fluoranthene	12.70	202	389914	48.871	ng		99
77) Benzidine	12.82	184	254642	76.914	ng		97
78) Pyrene	12.93	202	396671	42.792	ng		99
80) Butylbenzylphthalate	13.53	149	181943	45.602	ng		95
81) Benzo(a)anthracene	14.12	228	342834	47.643	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	115284	47.825	ng		99
83) Chrysene	14.16	228	323811	47.234	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	245962	49.695	ng		96
85) Di-n-octyl phthalate	14.69	149	441921	60.718	ng		99
86) Indeno(1,2,3-cd)pyrene	17.25	276	210182	42.725	ng		98
88) Benzo(b)fluoranthene	15.21	252	241892	51.114	ng		98
89) Benzo(k)fluoranthene	15.24	252	237421	50.773	ng		98
90) Benzo(a)pyrene	15.60	252	215508	50.121	ng		96
91) Dibenzo(a,h)anthracene	17.25	278	175573	48.252	ng		100
92) Benzo(g,h,i)perylene	17.73	276	171682	47.555	ng		96

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

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