Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109871.D
Acq On : 13 Oct 2018 8:42
Operator : JU/SJ
Sample : PB113699BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113699BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:52 AM

Quant Time: Oct 15 08:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104181	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	392213	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	169754	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	264334	20.00	ng		0.00
75) Chrysene-d12	13.83	240	190437	20.00	ng		0.00
86) Perylene-d12	15.23	264	156869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	579350	98.71	ng		0.00
7) Phenol-d6	6.35	99	743684	94.85	ng		0.00
23) Nitrobenzene-d5	7.26	82	729154	102.48	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	161484	87.31	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1241917	100.76	ng		0.00
78) Terphenyl-d14	12.78	244	880154	89.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	99713	32.371	ng		99
3) Pyridine	3.18	79	247777	38.989	ng		99
4) n-Nitrosodimethylamine	3.14	42	122444	53.380	ng		97
6) Aniline	6.36	93	241843	26.478	ng	#	24
8) 2-Chlorophenol	6.49	128	338038	46.830	ng		97
9) Benzaldehyde	6.24	77	140400	27.827	ng		98
10) Phenol	6.36	94	384327	42.747	ng		80
11) bis(2-Chloroethyl)ether	6.43	93	284445	38.161	ng		99
12) 1,3-Dichlorobenzene	6.63	146	356227	43.148	ng		99
13) 1,4-Dichlorobenzene	6.71	146	387391	43.046	ng		98
14) 1,2-Dichlorobenzene	6.87	146	336757	42.608	ng		98
15) Benzyl Alcohol	6.85	79	264363	45.480	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	424511	42.951	ng		93
17) 2-Methylphenol	6.97	107	256416	44.920	ng		98
18) Hexachloroethane	7.20	117	131701	41.402	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	238997	43.466	ng		99
20) 3+4-Methylphenols	7.12	107	311831	44.333	ng		93
22) Acetophenone	7.11	105	482247	50.846	ng	#	99
24) Nitrobenzene	7.28	77	343621	46.412	ng		97
25) Isophorone	7.52	82	645811	54.659	ng		98
26) 2-Nitrophenol	7.60	139	162689	46.978	ng		98
27) 2,4-Dimethylphenol	7.65	122	277380	55.466	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	400973	50.173	ng		99
29) 2,4-Dichlorophenol	7.85	162	268091	47.794	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	289610	46.639	ng		98
31) Naphthalene	8.00	128	948293	52.280	ng		99
32) Benzoic acid	7.81	122	136561	38.194	ng		96
33) 4-Chloroaniline	8.06	127	86277	10.801	ng		95
34) Hexachlorobutadiene	8.12	225	179765	46.560	ng		99
35) Caprolactam	8.44	113	79657m	47.551	ng		
36) 4-Chloro-3-methylphenol	8.55	107	287009	48.472	ng		98
37) 2-Methylnaphthalene	8.69	142	599252	50.435	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	280833	48.600	ng		100
40) Hexachlorocyclopentadiene	8.84	237	77761	35.169	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	169230	48.990	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	192515	48.471	ng		98
45) 1,1'-Biphenyl	9.15	154	724781	47.793	ng		99
46) 2-Chloronaphthalene	9.17	162	546773	48.125	ng		99
47) 2-Nitroaniline	9.28	65	171627	49.889	ng		97
48) Acenaphthylene	9.59	152	827355	49.951	ng		99
49) Dimethylphthalate	9.46	163	658745	52.912	ng		99
50) 2,6-Dinitrotoluene	9.52	165	137136	50.815	ng		95
51) Acenaphthene	9.76	154	464239	47.280	ng		99
52) 3-Nitroaniline	9.69	138	78113	25.821	ng		98
53) 2,4-Dinitrophenol	9.80	184	36757	42.215	ng	#	87
54) Dibenzofuran	9.93	168	686240	46.625	ng		99
55) 4-Nitrophenol	9.87	139	126755	76.549	ng		93
56) 2,4-Dinitrotoluene	9.93	165	156533	46.478	ng	#	89
57) Fluorene	10.27	166	531577	48.363	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	158570	49.114	ng		93
59) Diethylphthalate	10.15	149	624769	50.648	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	265814	45.841	ng		98
61) 4-Nitroaniline	10.30	138	106399	37.978	ng		96
62) Azobenzene	10.42	77	597221	47.677	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	34944	27.160	ng		95
65) n-Nitrosodiphenylamine	10.39	169	502277	56.052	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	157616	51.895	ng		95
67) Hexachlorobenzene	10.82	284	156345	47.537	ng	#	93
68) Atrazine	10.92	200	155302	55.533	ng		98
69) Pentachlorophenol	11.02	266	144882	78.287	ng		97
70) Phenanthrene	11.23	178	680917	51.474	ng		100
71) Anthracene	11.28	178	742968	54.333	ng		99
72) Carbazole	11.44	167	631813	47.639	ng		99
73) Di-n-butylphthalate	11.76	149	838588	54.516	ng		99
74) Fluoranthene	12.41	202	656558	47.510	ng		98
76) Benzidine	12.54	184	349574	49.415	ng		96
77) Pyrene	12.63	202	640182	45.882	ng		99
79) Butylbenzylphthalate	13.25	149	299721	49.547	ng		96
80) Benzo(a)anthracene	13.82	228	543265	51.695	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	198128	46.822	ng		98
82) Chrysene	13.86	228	579151	52.466	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	389140	52.727	ng		99
84) Di-n-octyl phthalate	14.42	149	691474	59.275	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	391058	49.495	ng		99
87) Benzo(b)fluoranthene	14.83	252	487231	56.205	ng		99
88) Benzo(k)fluoranthene	14.86	252	465517	53.446	ng		99
89) Benzo(a)pyrene	15.17	252	427997	54.406	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	327756	50.730	ng		98
91) Benzo(g,h,i)perylene	16.98	276	317617	49.230	ng		99

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

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