Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109672.D
Acq On : 9 Oct 2018 2:37
Operator : JU/SJ
Sample : J5287-11MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-6MS

Manual Integrations APPROVED
Sohil
10/9/2018 2:57:49 PM

Quant Time: Oct 09 05:15:12 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	97597	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	364352	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	150715	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	248778	20.00	ng		0.00
75) Chrysene-d12	13.83	240	196525	20.00	ng		0.00
86) Perylene-d12	15.23	264	176852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	628481	114.30	ng		0.00
7) Phenol-d6	6.36	99	818002	111.37	ng		0.00
23) Nitrobenzene-d5	7.26	82	531788	80.46	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	168617	102.68	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	860933	78.67	ng		0.00
78) Terphenyl-d14	12.78	244	674953	66.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	67436	23.369	ng		96
3) Pyridine	3.17	79	151911	25.517	ng		98
4) n-Nitrosodimethylamine	3.09	42	74201	34.531	ng		97
6) Aniline	6.37	93	186196	21.761	ng	#	56
8) 2-Chlorophenol	6.49	128	217415	32.152	ng		99
9) Benzaldehyde	6.25	77	111129	23.511	ng		98
10) Phenol	6.37	94	252777	30.012	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	185014m	26.496	ng		
12) 1,3-Dichlorobenzene	6.64	146	237114	30.658	ng		99
13) 1,4-Dichlorobenzene	6.72	146	257146	30.501	ng		98
14) 1,2-Dichlorobenzene	6.87	146	239898	32.401	ng		99
15) Benzyl Alcohol	6.85	79	175600	32.248	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	287769	31.080	ng		96
17) 2-Methylphenol	6.97	107	170063	31.802	ng		94
18) Hexachloroethane	7.20	117	83899	28.154	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	154531	30.000	ng		99
20) 3+4-Methylphenols	7.13	107	211087	32.035	ng		96
22) Acetophenone	7.11	105	320621	36.390	ng		99
24) Nitrobenzene	7.28	77	228199	33.179	ng		100
25) Isophorone	7.52	82	407600	37.136	ng		98
26) 2-Nitrophenol	7.60	139	107393	33.382	ng		98
27) 2,4-Dimethylphenol	7.65	122	181615	39.094	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	265068	35.703	ng		98
29) 2,4-Dichlorophenol	7.85	162	178797	34.312	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	188323	32.647	ng		99
31) Naphthalene	8.00	128	635954	37.741	ng		99
32) Benzoic acid	7.76	122	39498	11.892	ng	#	82
33) 4-Chloroaniline	8.06	127	102439	13.805	ng		98
34) Hexachlorobutadiene	8.12	225	115486	32.199	ng		99
35) Caprolactam	8.42	113	48995	31.484	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	180969	32.900	ng		95
37) 2-Methylnaphthalene	8.69	142	395531	35.835	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	184313	35.926	ng		100
40) Hexachlorocyclopentadiene	8.85	237	63324	32.854	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	108684	35.438	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	124931	35.428	ng		98
45) 1,1'-Biphenyl	9.15	154	468088	34.766	ng		99
46) 2-Chloronaphthalene	9.17	162	348240	34.523	ng		98
47) 2-Nitroaniline	9.28	65	105953	34.689	ng		91
48) Acenaphthylene	9.59	152	540849	36.778	ng		99
49) Dimethylphthalate	9.46	163	450785	40.782	ng		99
50) 2,6-Dinitrotoluene	9.52	165	85498	35.683	ng		99
51) Acenaphthene	9.76	154	292507	33.553	ng		99
52) 3-Nitroaniline	9.69	138	61517	22.904	ng		90
53) 2,4-Dinitrophenol	9.80	184	23510	30.412	ng	#	89
54) Dibenzofuran	9.93	168	446389	34.160	ng		97
55) 4-Nitrophenol	9.87	139	89957	61.189	ng		97
56) 2,4-Dinitrotoluene	9.92	165	103664	34.669	ng		98
57) Fluorene	10.27	166	341076	34.951	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	95723	33.394	ng		96
59) Diethylphthalate	10.15	149	383986	35.061	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	166242	32.291	ng		97
61) 4-Nitroaniline	10.30	138	70839	28.480	ng		96
62) Azobenzene	10.42	77	366181	32.925	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	26157	21.602	ng		96
65) n-Nitrosodiphenylamine	10.39	169	312889	37.100	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	100409	35.127	ng		97
67) Hexachlorobenzene	10.82	284	102488	33.111	ng		98
68) Atrazine	10.91	200	95003	36.096	ng		100
69) Pentachlorophenol	11.02	266	88580	50.857	ng		99
70) Phenanthrene	11.23	178	442059	35.507	ng		99
71) Anthracene	11.28	178	478177	37.155	ng		99
72) Carbazole	11.44	167	410357	32.876	ng		98
73) Di-n-butylphthalate	11.77	149	523618	36.169	ng		98
74) Fluoranthene	12.41	202	455519	35.023	ng		98
76) Benzidine	12.54	184	139773	19.146	ng		97
77) Pyrene	12.63	202	453853	31.520	ng		99
79) Butylbenzylphthalate	13.25	149	205688	32.949	ng		96
80) Benzo(a)anthracene	13.82	228	395543	36.472	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	140741	32.230	ng		98
82) Chrysene	13.86	228	403507	35.422	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	303323	39.826	ng		98
84) Di-n-octyl phthalate	14.42	149	494159	41.048	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	317308	38.916	ng		99
87) Benzo(b)fluoranthene	14.83	252	358648	36.697	ng		99
88) Benzo(k)fluoranthene	14.86	252	350644	35.708	ng		100
89) Benzo(a)pyrene	15.17	252	326811	36.849	ng		97
90) Dibenzo(a,h)anthracene	16.58	278	269103	36.945	ng		98
91) Benzo(g,h,i)perylene	16.97	276	256013	35.198	ng		99

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

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