Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109648.D
Acq On : 8 Oct 2018 15:18
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Oct 08 15:58:16 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 15:55:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103316	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	425611	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	195858	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	364839	20.00	ng		0.00
75) Chrysene-d12	13.84	240	232577	20.00	ng		0.00
86) Perylene-d12	15.23	264	194950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	990237	85.06	ng		0.00
7) Phenol-d6	6.37	99	1178859	75.81	ng		0.01
23) Nitrobenzene-d5	7.28	82	1189439	77.03	ng		0.01
41) 2,4,6-Tribromophenol	10.53	330	318328	74.58	ng		0.01
44) 2-Fluorobiphenyl	9.06	172	1983943	69.75	ng		0.00
78) Terphenyl-d14	12.79	244	1830839	76.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	250561	82.023	ng		100
3) Pyridine	3.09	79	527007	84.387	ng		98
6) Aniline	6.38	93	714110	78.840	ng		91
8) 2-Chlorophenol	6.50	128	546067	76.283	ng		97
9) Benzaldehyde	6.25	77	350187	69.987	ng		99
10) Phenol	6.39	94	669346	75.072	ng		84
11) bis(2-Chloroethyl)ether	6.45	93	528782	71.536	ng		99
12) 1,3-Dichlorobenzene	6.65	146	631101	77.082	ng		98
13) 1,4-Dichlorobenzene	6.72	146	661672	74.138	ng		98
14) 1,2-Dichlorobenzene	6.87	146	554570	70.754	ng		99
15) Benzyl Alcohol	6.86	79	446935	77.533	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	720812	73.541	ng		90
17) 2-Methylphenol	6.98	107	431102	76.155	ng		99
18) Hexachloroethane	7.21	117	236270	74.896	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	402435	73.803	ng		99
20) 3+4-Methylphenols	7.14	107	517290	74.159	ng		93
22) Acetophenone	7.13	105	788694	76.631	ng	#	96
24) Nitrobenzene	7.30	77	619800	77.145	ng		98
25) Isophorone	7.54	82	1016631	79.292	ng		98
26) 2-Nitrophenol	7.60	139	303436	80.745	ng		99
27) 2,4-Dimethylphenol	7.66	122	429345	79.117	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	655237	75.554	ng		99
29) 2,4-Dichlorophenol	7.86	162	469950	77.206	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	507044	75.247	ng		99
31) Naphthalene	8.01	128	1455616	73.952	ng		100
32) Benzoic acid	7.85	122	353364	91.075	ng		98
33) 4-Chloroaniline	8.06	127	655064	75.573	ng		99
34) Hexachlorobutadiene	8.13	225	311520	74.355	ng		99
35) Caprolactam	8.47	113	142147	78.196	ng		96
36) 4-Chloro-3-methylphenol	8.56	107	492142	76.594	ng		100
37) 2-Methylnaphthalene	8.70	142	947683	73.502	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	503208	75.477	ng		99
40) Hexachlorocyclopentadiene	8.85	237	238225	97.916	ng		99
42) 2,4,6-Trichlorophenol	8.98	196	326552	81.934	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	347333	75.795	ng	98
45) 1,1'-Biphenyl	9.16	154	1260968	72.068	ng	97
46) 2-Chloronaphthalene	9.19	162	967478	73.805	ng	98
47) 2-Nitroaniline	9.29	65	312693	78.780	ng	99
48) Acenaphthylene	9.60	152	1354326	70.868	ng	98
49) Dimethylphthalate	9.47	163	1097730	76.421	ng	100
50) 2,6-Dinitrotoluene	9.53	165	239237	76.833	ng	98
51) Acenaphthene	9.77	154	831408	73.389	ng	100
52) 3-Nitroaniline	9.70	138	269752	77.285	ng	99
54) Dibenzofuran	9.94	168	1186326	69.860	ng	100
55) 4-Nitrophenol	9.88	139	171460	89.746	ng	98
56) 2,4-Dinitrotoluene	9.94	165	282580	72.722	ng	91
57) Fluorene	10.28	166	880644	69.443	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	275591	73.982	ng	97
59) Diethylphthalate	10.16	149	1044586	73.395	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	460430	68.821	ng	98
61) 4-Nitroaniline	10.33	138	248232	76.795	ng	98
62) Azobenzene	10.43	77	1054895	72.989	ng	99
64) 4,6-Dinitro-2-methylphenol	10.35	198	151925	85.555	ng	96
65) n-Nitrosodiphenylamine	10.40	169	897676	72.580	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	315012	75.145	ng	98
67) Hexachlorobenzene	10.83	284	332774	73.308	ng	98
68) Atrazine	10.93	200	282655	73.229	ng	98
69) Pentachlorophenol	11.03	266	220081	86.160	ng	99
70) Phenanthrene	11.24	178	1318723	72.227	ng	98
71) Anthracene	11.29	178	1362188	72.174	ng	99
72) Carbazole	11.44	167	1320235	72.123	ng	98
73) Di-n-butylphthalate	11.77	149	1502282	70.759	ng	100
74) Fluoranthene	12.42	202	1365416	71.586	ng	99
76) Benzidine	12.54	184	598021	69.218	ng	96
77) Pyrene	12.64	202	1368521	80.312	ng	99
79) Butylbenzylphthalate	13.26	149	602595	81.566	ng	96
80) Benzo(a)anthracene	13.83	228	958606	74.690	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	358784	69.425	ng	99
82) Chrysene	13.86	228	1014599	75.260	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	691762	76.748	ng	97
84) Di-n-octyl phthalate	14.43	149	1075201	75.469	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	868311	89.987	ng	100
87) Benzo(b)fluoranthene	14.84	252	794928	73.787	ng	99
88) Benzo(k)fluoranthene	14.87	252	796501	73.583	ng	99
89) Benzo(a)pyrene	15.17	252	747807	76.490	ng	100
90) Dibenzo(a,h)anthracene	16.60	278	710858	88.534	ng	99
91) Benzo(g,h,i)perylene	16.99	276	746738	93.134	ng	99

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

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