Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100196.D
Acq On : 4 Nov 2017 23:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2017 2:26:17 PM

Quant Time: Nov 06 09:53:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92199	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	385498	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	179369	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	321116	20.00	ng		0.00
75) Chrysene-d12	13.94	240	216463	20.00	ng		-0.01
86) Perylene-d12	15.40	264	162447	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	488749	83.22	ng		0.00
7) Phenol-d6	6.42	99	551849	79.25	ng		0.00
23) Nitrobenzene-d5	7.34	82	454447	75.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	130217	79.66	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	905101	77.85	ng		-0.01
78) Terphenyl-d14	12.87	244	862516	87.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	95841	36.956	ng	#	87
3) Pyridine	3.20	79	216923	34.783	ng	#	86
4) n-Nitrosodimethylamine	3.17	42	81045	36.376	ng	#	64
6) Aniline	6.44	93	345542	38.271	ng	#	84
8) 2-Chlorophenol	6.56	128	252449	40.334	ng		92
9) Benzaldehyde	6.33	77	148883	35.780	ng		87
10) Phenol	6.43	94	293552	38.396	ng	#	58
11) bis(2-Chloroethyl)ether	6.50	93	231047	39.135	ng		92
12) 1,3-Dichlorobenzene	6.70	146	279985m	39.840	ng		
13) 1,4-Dichlorobenzene	6.78	146	286279	40.137	ng		97
14) 1,2-Dichlorobenzene	6.93	146	255781	39.348	ng		96
15) Benzyl Alcohol	6.93	79	180815	40.831	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.03	45	246397	37.570	ng		51
17) 2-Methylphenol	7.04	107	209026	39.925	ng	#	94
18) Hexachloroethane	7.26	117	91355	38.391	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	166327	40.760	ng	#	87
20) 3+4-Methylphenols	7.20	107	274703	45.062	ng		97
22) Acetophenone	7.19	105	352761	40.189	ng	#	90
24) Nitrobenzene	7.36	77	230061	38.132	ng		94
25) Isophorone	7.59	82	414105	38.113	ng		96
26) 2-Nitrophenol	7.67	139	143035	41.393	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	206586	40.575	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	292361	38.421	ng		99
29) 2,4-Dichlorophenol	7.93	162	220173	41.627	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	216217	38.260	ng		97
31) Naphthalene	8.07	128	721698	38.784	ng		100
32) Benzoic acid	7.89	122	164538	36.714	ng		92
33) 4-Chloroaniline	8.13	127	303566	39.506	ng		96
34) Hexachlorobutadiene	8.17	225	113197	38.942	ng		99
35) Caprolactam	8.52	113	67697m	40.700	ng		
36) 4-Chloro-3-methylphenol	8.63	107	213441	39.537	ng		87
37) 2-Methylnaphthalene	8.76	142	488200	39.149	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	231980	40.044	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	31121	36.952	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	137124	39.131	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	130960	35.218	ng	#	93
45) 1,1'-Biphenyl	9.22	154	633702	39.053	ng		98
46) 2-Chloronaphthalene	9.25	162	465167	39.473	ng		96
47) 2-Nitroaniline	9.36	65	120360	38.915	ng		85
48) Acenaphthylene	9.66	152	715040	39.396	ng		99
49) Dimethylphthalate	9.53	163	524405	36.918	ng		100
50) 2,6-Dinitrotoluene	9.60	165	116854	39.132	ng	#	83
51) Acenaphthene	9.83	154	437791	39.476	ng		98
52) 3-Nitroaniline	9.78	138	133192	37.855	ng		90
53) 2,4-Dinitrophenol	9.93	184	25730	26.013	ng	#	82
54) Dibenzofuran	10.00	168	635006	40.564	ng		98
55) 4-Nitrophenol	9.98	139	39925m	21.717	ng		
56) 2,4-Dinitrotoluene	10.02	165	159071	44.234	ng		88
57) Fluorene	10.35	166	513394	39.609	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	105285	40.382	ng	#	90
59) Diethylphthalate	10.22	149	526220	37.936	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	240744	39.466	ng		94
61) 4-Nitroaniline	10.40	138	131159	39.071	ng		81
62) Azobenzene	10.50	77	437538	37.628	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	59374	29.414	ng	#	70
65) n-Nitrosodiphenylamine	10.46	169	468800	39.548	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	136230	40.298	ng	#	88
67) Hexachlorobenzene	10.90	284	136117	39.357	ng	#	86
68) Atrazine	10.99	200	137283	38.555	ng		98
69) Pentachlorophenol	11.11	266	80254	54.306	ng		97
70) Phenanthrene	11.32	178	703731	38.833	ng		100
71) Anthracene	11.37	178	734790	39.945	ng		99
72) Carbazole	11.53	167	685416	39.623	ng		98
73) Di-n-butylphthalate	11.84	149	842113	38.167	ng		98
74) Fluoranthene	12.51	202	724266	38.457	ng		97
76) Benzidine	12.63	184	265251	28.004	ng		99
77) Pyrene	12.74	202	731056	44.415	ng		98
79) Butylbenzylphthalate	13.33	149	341498	42.133	ng		93
80) Benzo(a)anthracene	13.93	228	528010	38.478	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	167225	33.572	ng		96
82) Chrysene	13.97	228	497717	38.580	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	437992	38.480	ng		99
84) Di-n-octyl phthalate	14.50	149	695247	35.588	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	416047	35.130	ng		97
87) Benzo(b)fluoranthene	14.97	252	381540	37.195	ng		98
88) Benzo(k)fluoranthene	15.00	252	410816	42.472	ng		98
89) Benzo(a)pyrene	15.34	252	359731	39.040	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	351803	42.968	ng		98
91) Benzo(g,h,i)perylene	17.30	276	363799	45.416	ng		97

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

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