Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100239.D
Acq On : 5 Nov 2017 22:07
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/6/2017 2:33:41 PM

Quant Time: Nov 06 10:50:02 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	91700	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	359447	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	138854	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	209927	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	205757	20.00	ng		-0.01
86) Perylene-d12	15.40	264	180530	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	480858	82.33	ng		0.00
7) Phenol-d6	6.42	99	539978	77.97	ng		0.00
23) Nitrobenzene-d5	7.34	82	424201	75.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	87136	68.86	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	764631	84.96	ng		-0.01
78) Terphenyl-d14	12.87	244	605934	64.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	97029	37.618	ng	#	89
3) Pyridine	3.20	79	228265	36.801	ng	#	87
4) n-Nitrosodimethylamine	3.17	42	77874	35.143	ng	#	60
6) Aniline	6.44	93	333466	37.135	ng	#	79
8) 2-Chlorophenol	6.56	128	248035	39.844	ng		92
9) Benzaldehyde	6.33	77	148719	35.935	ng		90
10) Phenol	6.43	94	285700	37.572	ng	#	53
11) bis(2-Chloroethyl)ether	6.50	93	232945	39.671	ng		93
12) 1,3-Dichlorobenzene	6.70	146	271420m	38.831	ng		
13) 1,4-Dichlorobenzene	6.78	146	280475	39.537	ng		97
14) 1,2-Dichlorobenzene	6.93	146	255014	39.443	ng		95
15) Benzyl Alcohol	6.93	79	173220	39.328	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	242319	37.149	ng		69
17) 2-Methylphenol	7.05	107	201640	38.724	ng		96
18) Hexachloroethane	7.26	117	62141	26.256	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	155643	38.349	ng	#	88
20) 3+4-Methylphenols	7.20	107	261893	43.194	ng		97
22) Acetophenone	7.19	105	335899	41.042	ng	#	90
24) Nitrobenzene	7.36	77	218802	38.894	ng		93
25) Isophorone	7.59	82	373937	36.910	ng		96
26) 2-Nitrophenol	7.67	139	125681	39.007	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	190335	40.092	ng		91
28) bis(2-Chloroethoxy)methane	7.80	93	272243	38.370	ng		100
29) 2,4-Dichlorophenol	7.93	162	191307	38.791	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	199849	37.926	ng		97
31) Naphthalene	8.07	128	651818	37.567	ng		100
32) Benzoic acid	7.89	122	141059	33.757	ng		90
33) 4-Chloroaniline	8.13	127	272848	38.082	ng	#	92
34) Hexachlorobutadiene	8.17	225	104311	38.486	ng		99
35) Caprolactam	8.52	113	54347	35.042	ng	#	71
36) 4-Chloro-3-methylphenol	8.63	107	177450	35.253	ng		93
37) 2-Methylnaphthalene	8.76	142	421721	36.269	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	192541	42.933	ng	#	97
42) 2,4,6-Trichlorophenol	9.05	196	115644	42.631	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	105579	36.677	ng	#	92
45) 1,1'-Biphenyl	9.22	154	517215	41.175	ng		98
46) 2-Chloronaphthalene	9.25	162	370390	40.602	ng		93
47) 2-Nitroaniline	9.36	65	91931	38.396	ng	#	83
48) Acenaphthylene	9.66	152	538842	38.350	ng		99
49) Dimethylphthalate	9.52	163	429128	39.026	ng		99
50) 2,6-Dinitrotoluene	9.60	165	85508	36.990	ng	#	90
51) Acenaphthene	9.83	154	325554	37.920	ng		97
52) 3-Nitroaniline	9.78	138	101915	37.417	ng	#	83
53) 2,4-Dinitrophenol	9.95	184	5844	11.703	ng	#	88
54) Dibenzofuran	10.00	168	470212	38.801	ng		99
55) 4-Nitrophenol	9.99	139	13735m	9.651	ng		
56) 2,4-Dinitrotoluene	10.02	165	106296	38.183	ng		88
57) Fluorene	10.35	166	359381	35.817	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	76073	37.691	ng	#	89
59) Diethylphthalate	10.22	149	395427	36.824	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	174681	36.991	ng		93
61) 4-Nitroaniline	10.40	138	91344	35.150	ng		83
62) Azobenzene	10.50	77	301788	33.526	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	13667	10.357	ng		85
65) n-Nitrosodiphenylamine	10.46	169	325549	42.010	ng		97
66) 4-Bromophenyl-phenylether	10.82	248	89995	40.721	ng		94
67) Hexachlorobenzene	10.90	284	87625	38.755	ng		94
68) Atrazine	10.99	200	86303	37.075	ng		98
69) Pentachlorophenol	11.11	266	62557	64.751	ng		99
70) Phenanthrene	11.32	178	446882	37.720	ng		98
71) Anthracene	11.37	178	466091	38.758	ng		98
72) Carbazole	11.53	167	436035	38.558	ng		97
73) Di-n-butylphthalate	11.83	149	539659	37.414	ng		99
74) Fluoranthene	12.50	202	488803	39.702	ng		98
76) Benzidine	12.63	184	265486	29.487	ng		98
77) Pyrene	12.74	202	508427	32.496	ng		98
79) Butylbenzylphthalate	13.33	149	238005	30.892	ng		89
80) Benzo(a)anthracene	13.93	228	472596	36.232	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	178821	37.768	ng		98
82) Chrysene	13.97	228	448288	36.557	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	319650	29.544	ng		98
84) Di-n-octyl phthalate	14.50	149	643766	34.667	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	332612	29.546	ng		97
87) Benzo(b)fluoranthene	14.97	252	412836	36.215	ng		98
88) Benzo(k)fluoranthene	15.00	252	447356	41.617	ng		100
89) Benzo(a)pyrene	15.34	252	375928	36.712	ng		96
90) Dibenzo(a,h)anthracene	16.85	278	289574m	31.825	ng		
91) Benzo(g,h,i)perylene	17.30	276	266605m	29.949	ng		

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

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