Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100949.D
Acq On : 28 Nov 2017 23:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/29/2017 4:29:10 PM

Quant Time: Nov 29 07:43:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53172	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	189583	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	69750	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	118195	20.00	ng		0.00
75) Chrysene-d12	14.03	240	135014	20.00	ng		0.00
86) Perylene-d12	15.50	264	113377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	286105	86.25	ng		0.00
7) Phenol-d6	6.49	99	323290	79.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	277317	96.71	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	61427	86.43	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	509579	111.25	ng		0.00
78) Terphenyl-d14	12.97	244	446715	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	60929	37.692	ng		99
3) Pyridine	3.39	79	162259	36.792	ng		93
4) n-Nitrosodimethylamine	3.35	42	80450	37.572	ng	#	95
6) Aniline	6.53	93	208913	36.152	ng		98
8) 2-Chlorophenol	6.65	128	144391	41.147	ng		100
9) Benzaldehyde	6.42	77	109991	37.654	ng		95
10) Phenol	6.50	94	176557	41.117	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	137391	38.092	ng		99
12) 1,3-Dichlorobenzene	6.80	146	172243	42.574	ng		97
13) 1,4-Dichlorobenzene	6.88	146	175794	42.931	ng		97
14) 1,2-Dichlorobenzene	7.03	146	162203	42.843	ng		97
15) Benzyl Alcohol	7.00	79	120947	37.887	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	186352m	32.304	ng		
17) 2-Methylphenol	7.11	107	111426	37.157	ng		97
18) Hexachloroethane	7.37	117	46892	34.732	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	99853	35.201	ng		96
20) 3+4-Methylphenols	7.26	107	140297	36.971	ng	#	86
22) Acetophenone	7.27	105	201694	43.629	ng	#	98
24) Nitrobenzene	7.45	77	136379	46.208	ng		99
25) Isophorone	7.68	82	220678	36.622	ng		99
26) 2-Nitrophenol	7.76	139	63096	45.866	ng		97
27) 2,4-Dimethylphenol	7.79	122	105444	39.035	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	156167	39.620	ng		100
29) 2,4-Dichlorophenol	8.00	162	108805	42.192	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	125037	44.825	ng		94
31) Naphthalene	8.16	128	386696	42.348	ng		99
32) Benzoic acid	7.90	122	61030	33.115	ng		98
33) 4-Chloroaniline	8.22	127	151270	39.798	ng		96
34) Hexachlorobutadiene	8.28	225	78679	47.439	ng		99
35) Caprolactam	8.58	113	25142	28.409	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	98734	35.649	ng		97
37) 2-Methylnaphthalene	8.86	142	239593	39.522	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	124660	53.889	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	2745	2.521	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	68188	46.510	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	69159	45.529	ng	#	91
45) 1,1'-Biphenyl	9.32	154	305600	50.658	ng		98
46) 2-Chloronaphthalene	9.35	162	208548	47.652	ng		96
47) 2-Nitroaniline	9.44	65	58138	45.134	ng		98
48) Acenaphthylene	9.76	152	320631	44.208	ng		99
49) Dimethylphthalate	9.62	163	252266	47.369	ng		99
50) 2,6-Dinitrotoluene	9.68	165	46946	44.534	ng		88
51) Acenaphthene	9.93	154	187397	42.484	ng		100
52) 3-Nitroaniline	9.85	138	55206	44.349	ng		91
53) 2,4-Dinitrophenol	9.96	184	608	9.627	ng	#	26
54) Dibenzofuran	10.10	168	265259	42.906	ng		96
55) 4-Nitrophenol	10.01	139	31706	31.369	ng		92
56) 2,4-Dinitrotoluene	10.09	165	53608	40.311	ng	#	83
57) Fluorene	10.45	166	201444	44.479	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	47846	38.433	ng	#	86
59) Diethylphthalate	10.31	149	232528	43.632	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	105729	47.588	ng		93
61) 4-Nitroaniline	10.46	138	51620	43.733	ng		91
62) Azobenzene	10.59	77	176397	35.143	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	3485	13.367	ng		85
65) n-Nitrosodiphenylamine	10.55	169	193204	47.011	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	59380	46.865	ng	#	83
67) Hexachlorobenzene	10.99	284	60371	45.557	ng	#	89
68) Atrazine	11.07	200	52593	42.276	ng		98
69) Pentachlorophenol	11.19	266	34784	36.606	ng		95
70) Phenanthrene	11.41	178	278155	44.697	ng		98
71) Anthracene	11.46	178	279302	44.237	ng		98
72) Carbazole	11.62	167	256246	43.986	ng		99
73) Di-n-butylphthalate	11.94	149	316161	46.375	ng		98
74) Fluoranthene	12.60	202	322754	48.937	ng		94
76) Benzidine	12.72	184	175297	32.420	ng		98
77) Pyrene	12.83	202	337451	35.062	ng		99
79) Butylbenzylphthalate	13.44	149	146673	37.369	ng		89
80) Benzo(a)anthracene	14.02	228	345290	42.469	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	127390	43.731	ng	#	96
82) Chrysene	14.05	228	326696	41.494	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	215897	41.822	ng		99
84) Di-n-octyl phthalate	14.60	149	394577	44.493	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	229379	36.019	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	304886m	45.390	ng		
88) Benzo(k)fluoranthene	15.10	252	294476	46.399	ng	#	96
89) Benzo(a)pyrene	15.43	252	259574	43.590	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	201031	41.280	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	180938	37.955	ng	#	90

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

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