Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096903.D
Acq On : 20 Jul 2017 13:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 03:21:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	93194	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	399330	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	177664	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	344198	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	227325	20.00	ng		-0.02
86) Perylene-d12	15.07	264	220498	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	476078	76.81	ng		-0.03
7) Phenol-d6	6.22	99	569390	76.55	ng		-0.03
23) Nitrobenzene-d5	7.14	82	514057	79.74	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	126284	83.27	ng		-0.03
44) 2-Fluorobiphenyl	8.93	172	902372	80.25	ng		-0.03
78) Terphenyl-d14	12.66	244	853068	65.08	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	132344	41.497	ng	#	76
3) Pyridine	2.77	79	257957	38.486	ng	#	61
4) n-Nitrosodimethylamine	2.73	42	152979	40.813	ng		81
6) Aniline	6.23	93	345835	37.747	ng	#	45
8) 2-Chlorophenol	6.36	128	266751	39.893	ng		96
9) Benzaldehyde	6.11	77	156186	36.330	ng		99
10) Phenol	6.24	94	326892	38.878	ng		84
11) bis(2-Chloroethyl)ether	6.32	93	244382	38.650	ng		94
12) 1,3-Dichlorobenzene	6.51	146	282543	39.752	ng		100
13) 1,4-Dichlorobenzene	6.59	146	286564	39.812	ng		95
14) 1,2-Dichlorobenzene	6.75	146	262801	40.141	ng		95
15) Benzyl Alcohol	6.72	79	193935	39.826	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	487448	37.355	ng		97
17) 2-Methylphenol	6.85	107	204696	39.367	ng		96
18) Hexachloroethane	7.08	117	101294	39.687	ng	#	81
19) n-Nitroso-di-n-propylamine	7.00	70	171268	38.221	ng	#	82
20) 3+4-Methylphenols	7.00	107	260771	41.329	ng	#	62
22) Acetophenone	6.99	105	354184	39.684	ng		98
24) Nitrobenzene	7.16	77	265942	39.885	ng		94
25) Isophorone	7.40	82	464436	38.725	ng		95
26) 2-Nitrophenol	7.47	139	150312	40.543	ng	#	89
27) 2,4-Dimethylphenol	7.53	122	236870	38.836	ng		97
28) bis(2-Chloroethoxy)methane	7.62	93	311852	38.480	ng		99
29) 2,4-Dichlorophenol	7.72	162	220605	39.957	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	210800	40.157	ng		98
31) Naphthalene	7.88	128	755604	39.943	ng		99
32) Benzoic acid	7.67	122	165344	42.414	ng		89
33) 4-Chloroaniline	7.93	127	310898	41.481	ng		94
34) Hexachlorobutadiene	8.00	225	109151	38.951	ng		97
35) Caprolactam	8.32	113	69427	39.246	ng	#	67
36) 4-Chloro-3-methylphenol	8.43	107	241646	40.705	ng		89
37) 2-Methylnaphthalene	8.57	142	486501	40.339	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	194258	40.448	ng		99
40) Hexachlorocyclopentadiene	8.73	237	71322	42.009	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	142475	40.218 ng		97
43) 2,4,5-Trichlorophenol	8.90	196	144767	40.519 ng	#	93
45) 1,1'-Biphenyl	9.03	154	610598	40.073 ng		98
46) 2-Chloronaphthalene	9.06	162	448319	39.957 ng		95
47) 2-Nitroaniline	9.15	65	160856	41.708 ng		96
48) Acenaphthylene	9.47	152	718253	40.177 ng		99
49) Dimethylphthalate	9.34	163	543649	40.639 ng		99
50) 2,6-Dinitrotoluene	9.40	165	119759	41.331 ng	#	80
51) Acenaphthene	9.64	154	419462	39.719 ng		99
52) 3-Nitroaniline	9.56	138	148579	43.285 ng		94
53) 2,4-Dinitrophenol	9.67	184	57062	43.162 ng	#	72
54) Dibenzofuran	9.81	168	578364	39.081 ng		99
55) 4-Nitrophenol	9.74	139	98727	39.369 ng	#	63
56) 2,4-Dinitrotoluene	9.80	165	149817	40.237 ng	#	70
57) Fluorene	10.15	166	458858	41.959 ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	101244	40.859 ng		98
59) Diethylphthalate	10.03	149	518377	39.805 ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	189755	40.875 ng		95
61) 4-Nitroaniline	10.17	138	145705	45.202 ng		93
62) Azobenzene	10.30	77	467596	40.700 ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	86044	39.815 ng	#	80
65) n-Nitrosodiphenylamine	10.27	169	432653	35.164 ng		98
66) 4-Bromophenyl-phenylether	10.63	248	126562	36.015 ng		96
67) Hexachlorobenzene	10.70	284	147942	37.799 ng		95
68) Atrazine	10.80	200	138859	39.614 ng		93
69) Pentachlorophenol	10.90	266	70473	37.272 ng		99
70) Phenanthrene	11.10	178	730646	39.040 ng		99
71) Anthracene	11.16	178	736079	38.900 ng		99
72) Carbazole	11.32	167	747952	40.818 ng		99
73) Di-n-butylphthalate	11.66	149	892309	39.100 ng		98
74) Fluoranthene	12.29	202	724694	40.455 ng		99
76) Benzidine	12.41	184	255365	34.290 ng	#	93
77) Pyrene	12.52	202	764836	37.072 ng		98
79) Butylbenzylphthalate	13.14	149	370729	37.820 ng	#	75
80) Benzo(a)anthracene	13.70	228	574210	40.540 ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	225658	44.304 ng	#	97
82) Chrysene	13.74	228	603653	43.291 ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	421822	35.336 ng		99
84) Di-n-octyl phthalate	14.32	149	786217	39.843 ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	457268	35.797 ng		99
87) Benzo(b)fluoranthene	14.70	252	593425	44.623 ng		98
88) Benzo(k)fluoranthene	14.73	252	517396	41.086 ng		98
89) Benzo(a)pyrene	15.02	252	482937	39.594 ng		99
90) Dibenzo(a,h)anthracene	16.36	278	367514	32.746 ng		96
91) Benzo(g,h,i)perylene	16.73	276	397179	33.048 ng		99

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

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