Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097984.D
Acq On : 23 Aug 2017 6:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 23 06:41:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118739	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	449571	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	176279	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	285300	20.00	ng		0.00
75) Chrysene-d12	13.90	240	239657	20.00	ng		0.00
86) Perylene-d12	15.32	264	185125	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	602422	77.17	ng		0.00
7) Phenol-d6	6.39	99	801694	75.59	ng		0.00
23) Nitrobenzene-d5	7.32	82	738609	89.25	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	96290	62.95	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1015102	84.60	ng		0.00
78) Terphenyl-d14	12.85	244	797732	69.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	178292	40.954	ng		88
3) Pyridine	3.13	79	452776	37.621	ng		87
4) n-Nitrosodimethylamine	3.09	42	177614	38.354	ng		80
6) Aniline	6.42	93	558678	37.495	ng		97
8) 2-Chlorophenol	6.54	128	315893	38.371	ng		99
9) Benzaldehyde	6.30	77	274241	40.821	ng		88
10) Phenol	6.40	94	471197	37.985	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	378153	40.389	ng		96
12) 1,3-Dichlorobenzene	6.69	146	352577	39.815	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	358762	39.835	ng	#	92
14) 1,2-Dichlorobenzene	6.92	146	328217	39.523	ng		98
15) Benzyl Alcohol	6.90	79	297014	37.403	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	485085	38.507	ng		90
17) 2-Methylphenol	7.01	107	274467	37.832	ng		96
18) Hexachloroethane	7.26	117	116050	32.866	ng	#	81
19) n-Nitroso-di-n-propylamine	7.17	70	270216	37.216	ng		89
20) 3+4-Methylphenols	7.16	107	316757	35.747	ng	#	87
22) Acetophenone	7.16	105	460222	38.750	ng	#	91
24) Nitrobenzene	7.34	77	401659	43.590	ng		94
25) Isophorone	7.57	82	681862	39.625	ng		96
26) 2-Nitrophenol	7.65	139	84452	27.784	ng	#	76
27) 2,4-Dimethylphenol	7.69	122	278227	38.768	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	472097	41.730	ng		98
29) 2,4-Dichlorophenol	7.89	162	214782	36.053	ng		91
30) 1,2,4-Trichlorobenzene	7.98	180	267197	40.459	ng		99
31) Naphthalene	8.06	128	916956	39.288	ng		99
32) Benzoic acid	7.83	122	35115	12.224	ng		88
33) 4-Chloroaniline	8.10	127	372362	37.829	ng		98
34) Hexachlorobutadiene	8.17	225	161795	41.960	ng		98
35) Caprolactam	8.48	113	68324	33.736	ng		91
36) 4-Chloro-3-methylphenol	8.59	107	258940	33.830	ng	#	82
37) 2-Methylnaphthalene	8.75	142	550286	38.457	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	239071	44.191	ng		99
40) Hexachlorocyclopentadiene	8.90	237	9264	3.564	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	131174	36.115	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	123224	34.197	ng		96
45) 1,1'-Biphenyl	9.22	154	691134	42.994	ng		97
46) 2-Chloronaphthalene	9.24	162	492017	41.425	ng		94
47) 2-Nitroaniline	9.33	65	189716	47.646	ng		95
48) Acenaphthylene	9.65	152	740296	39.690	ng		99
49) Dimethylphthalate	9.52	163	568317	44.105	ng		98
50) 2,6-Dinitrotoluene	9.57	165	98483	38.290	ng	#	55
51) Acenaphthene	9.82	154	441343	37.518	ng		98
52) 3-Nitroaniline	9.75	138	147312	44.392	ng		91
53) 2,4-Dinitrophenol	9.85	184	555	10.538	ng	#	78
54) Dibenzofuran	9.99	168	600570	38.094	ng		100
55) 4-Nitrophenol	9.90	139	60568	22.880	ng	#	31
56) 2,4-Dinitrotoluene	9.97	165	113605	35.195	ng	#	49
57) Fluorene	10.33	166	459199	37.673	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	84041	30.125	ng		95
59) Diethylphthalate	10.21	149	574485	42.634	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	229557	40.538	ng		88
61) 4-Nitroaniline	10.35	138	134372	42.604	ng	#	69
62) Azobenzene	10.49	77	596856	37.289	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	2074	9.596	ng		98
65) n-Nitrosodiphenylamine	10.45	169	428180	44.073	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	131749	44.470	ng		98
67) Hexachlorobenzene	10.88	284	122523	40.574	ng	#	84
68) Atrazine	10.97	200	102052	39.609	ng		98
69) Pentachlorophenol	11.07	266	40538	23.024	ng		98
70) Phenanthrene	11.29	178	598181	39.347	ng		99
71) Anthracene	11.35	178	610738	39.608	ng		99
72) Carbazole	11.50	167	568305	38.828	ng		98
73) Di-n-butylphthalate	11.83	149	803019	47.631	ng		99
74) Fluoranthene	12.48	202	635242	40.032	ng		98
76) Benzidine	12.60	184	262298	33.381	ng	#	93
77) Pyrene	12.71	202	666120	33.984	ng		98
79) Butylbenzylphthalate	13.33	149	317151	42.202	ng	#	70
80) Benzo(a)anthracene	13.89	228	538736	37.507	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	219359	45.258	ng	#	95
82) Chrysene	13.93	228	550793	38.548	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	421915	50.665	ng	#	100
84) Di-n-octyl phthalate	14.50	149	832037	57.423	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	359449	34.197	ng		94
87) Benzo(b)fluoranthene	14.92	252	491015	42.079	ng		97
88) Benzo(k)fluoranthene	14.94	252	442412	40.355	ng	#	95
89) Benzo(a)pyrene	15.27	252	416130	40.283	ng	#	96
90) Dibenzo(a,h)anthracene	16.72	278	310402	36.909	ng		99
91) Benzo(g,h,i)perylene	17.13	276	302818	34.508	ng	#	91

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

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