Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096893.D
Acq On : 20 Jul 2017 2:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 20 03:34:45 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	6.59	152	96841	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	328276	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	137199	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	182985	20.00	ng		0.00
75) Chrysene-d12	13.73	240	142959	20.00	ng		0.00
86) Perylene-d12	15.10	264	117741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	524691	81.47	ng		0.00
7) Phenol-d6	6.25	99	588732	76.17	ng		0.00
23) Nitrobenzene-d5	7.16	82	501678	94.66	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	86807	74.12	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	760340	87.56	ng		-0.01
78) Terphenyl-d14	12.69	244	552323	67.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	130180	39.281	ng	#	74
3) Pyridine	2.80	79	262640	37.709	ng	#	63
4) n-Nitrosodimethylamine	2.75	42	150811	38.720	ng	#	77
6) Aniline	6.25	93	361748	37.997	ng	#	67
8) 2-Chlorophenol	6.38	128	279788	40.267	ng		97
9) Benzaldehyde	6.13	77	172990	38.724	ng		99
10) Phenol	6.26	94	340548	38.976	ng	#	64
11) bis(2-Chloroethyl)ether	6.33	93	260812	39.695	ng		92
12) 1,3-Dichlorobenzene	6.53	146	299489	40.549	ng		98
13) 1,4-Dichlorobenzene	6.61	146	303361	40.559	ng		95
14) 1,2-Dichlorobenzene	6.76	146	271846	39.959	ng		97
15) Benzyl Alcohol	6.74	79	170386	33.672	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	531499	39.197	ng		95
17) 2-Methylphenol	6.86	107	205411	38.017	ng		98
18) Hexachloroethane	7.10	117	73847	27.843	ng	#	84
19) n-Nitroso-di-n-propylamine	7.02	70	160846	34.543	ng	#	87
20) 3+4-Methylphenols	7.02	107	234203	35.720	ng	#	65
22) Acetophenone	7.00	105	331534	45.186	ng	#	96
24) Nitrobenzene	7.18	77	243568	44.436	ng		90
25) Isophorone	7.42	82	455048	46.155	ng		96
26) 2-Nitrophenol	7.49	139	93007	30.516	ng	#	88
27) 2,4-Dimethylphenol	7.55	122	196557	39.201	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	267585	40.165	ng		99
29) 2,4-Dichlorophenol	7.75	162	176669	38.925	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	177394	41.108	ng		97
31) Naphthalene	7.90	128	622659	40.039	ng		100
32) Benzoic acid	7.67	122	112155	34.997	ng		92
33) 4-Chloroaniline	7.95	127	249268	40.457	ng		96
34) Hexachlorobutadiene	8.02	225	98010	42.545	ng		97
35) Caprolactam	8.32	113	59835	41.145	ng	#	57
36) 4-Chloro-3-methylphenol	8.45	107	204501	41.904	ng		90
37) 2-Methylnaphthalene	8.59	142	422893	42.655	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	169047	45.580	ng		99
40) Hexachlorocyclopentadiene	8.75	237	4217	7.818	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	109851	40.154	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	112632	40.822	ng		97
45) 1,1'-Biphenyl	9.05	154	516785	43.919	ng		98
46) 2-Chloronaphthalene	9.07	162	369418	42.636	ng		95
47) 2-Nitroaniline	9.17	65	115421	38.754	ng	#	85
48) Acenaphthylene	9.49	152	546284	39.570	ng		99
49) Dimethylphthalate	9.36	163	408276	39.521	ng		98
50) 2,6-Dinitrotoluene	9.42	165	70720	31.605	ng	#	90
51) Acenaphthene	9.66	154	315467	38.682	ng		99
52) 3-Nitroaniline	9.58	138	120149	45.326	ng		94
53) 2,4-Dinitrophenol	9.70	184	1709	8.153	ng	#	78
54) Dibenzofuran	9.83	168	444234	38.871	ng		99
55) 4-Nitrophenol	9.76	139	64028	33.062	ng	#	63
56) 2,4-Dinitrotoluene	9.82	165	85544	29.751	ng	#	70
57) Fluorene	10.17	166	340253	40.290	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.95	232	69292	36.212	ng		99
59) Diethylphthalate	10.05	149	410704	40.838	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	145970	40.666	ng		97
61) 4-Nitroaniline	10.19	138	115703	46.482	ng		92
62) Azobenzene	10.32	77	326377	36.787	ng		93
64) 4,6-Dinitro-2-methylphenol	10.23	198	5038	4.385	ng	#	75
65) n-Nitrosodiphenylamine	10.28	169	311757	47.662	ng		97
66) 4-Bromophenyl-phenylether	10.65	248	89630	47.976	ng		99
67) Hexachlorobenzene	10.72	284	93657	45.011	ng	#	90
68) Atrazine	10.81	200	52306	28.068	ng		95
69) Pentachlorophenol	10.92	266	41180	40.967	ng		96
70) Phenanthrene	11.12	178	407836	40.991	ng		99
71) Anthracene	11.17	178	412571	41.012	ng		98
72) Carbazole	11.33	167	415703	42.673	ng		97
73) Di-n-butylphthalate	11.67	149	514414	42.400	ng	#	98
74) Fluoranthene	12.30	202	415859	43.667	ng		99
76) Benzidine	12.43	184	248045	52.963	ng	#	94
77) Pyrene	12.53	202	432111	33.305	ng		100
79) Butylbenzylphthalate	13.16	149	220912	35.836	ng	#	86
80) Benzo(a)anthracene	13.72	228	352936	39.623	ng		98
81) 3,3'-Dichlorobenzidine	13.69	252	153142	47.810	ng	#	95
82) Chrysene	13.76	228	346532	39.518	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	296238	39.460	ng		98
84) Di-n-octyl phthalate	14.33	149	591589	47.672	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.39	276	287012	35.737	ng		98
87) Benzo(b)fluoranthene	14.73	252	347644	48.956	ng		98
88) Benzo(k)fluoranthene	14.75	252	291057	43.284	ng	#	94
89) Benzo(a)pyrene	15.04	252	287594	44.157	ng		98
90) Dibenzo(a,h)anthracene	16.40	278	237317	39.599	ng		96
91) Benzo(g,h,i)perylene	16.77	276	233753	36.424	ng		97

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

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