Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089105.D
Acq On : 19 Jul 2016 3:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 05:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 03:29:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	41544	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	163348	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	65328	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	106151	20.00	ng		0.00
75) Chrysene-d12	13.78	240	83518	20.00	ng		0.01
86) Perylene-d12	15.13	264	59864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	215259	77.65	ng		0.00
7) Phenol-d6	6.30	99	260501	72.73	ng		0.00
23) Nitrobenzene-d5	7.21	82	230077	73.81	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	39283	64.76	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	382278	92.43	ng		0.00
78) Terphenyl-d14	12.73	244	285349	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	46361	33.73	ng	#	27
3) Pyridine	2.72	79	136198	34.15	ng		93
4) n-Nitrosodimethylamine	2.68	42	55742	36.59	ng		98
6) Aniline	6.31	93	190176	36.43	ng	#	41
8) 2-Chlorophenol	6.43	128	120212	40.35	ng		86
9) Benzaldehyde	6.18	77	88629	36.53	ng		87
10) Phenol	6.31	94	135645	33.18	ng	#	29
11) bis(2-Chloroethyl)ether	6.39	93	126772	41.59	ng		86
12) 1,3-Dichlorobenzene	6.58	146	136031	41.49	ng		100
13) 1,4-Dichlorobenzene	6.66	146	139779	42.96	ng		99
14) 1,2-Dichlorobenzene	6.81	146	116755	38.33	ng	#	87
15) Benzyl Alcohol	6.80	79	101005	38.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	141125	31.97	ng		85
17) 2-Methylphenol	6.92	107	95165	39.16	ng	#	92
18) Hexachloroethane	7.15	117	34713	27.58	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	94190	39.15	ng	#	86
20) 3+4-Methylphenols	7.07	107	117121	40.15	ng	#	80
22) Acetophenone	7.06	105	178791	45.10	ng	#	93
24) Nitrobenzene	7.23	77	137703	43.82	ng	#	86
25) Isophorone	7.47	82	214119	37.08	ng		95
26) 2-Nitrophenol	7.55	139	31580	24.50	ng	#	81
27) 2,4-Dimethylphenol	7.60	122	88653	33.03	ng	#	86
28) bis(2-Chloroethoxy)methane	7.69	93	136058	36.21	ng	#	95
29) 2,4-Dichlorophenol	7.80	162	79523	36.66	ng		91
30) 1,2,4-Trichlorobenzene	7.87	180	94946	39.88	ng		98
31) Naphthalene	7.95	128	355410	44.13	ng		99
32) Benzoic acid	7.71	122	43323	22.23	ng		90
33) 4-Chloroaniline	8.01	127	149700	41.78	ng	#	95
34) Hexachlorobutadiene	8.08	225	56976	44.70	ng		99
35) Caprolactam	8.38	113	23369	31.72	ng		92
36) 4-Chloro-3-methylphenol	8.50	107	100007	38.98	ng		95
37) 2-Methylnaphthalene	8.64	142	186980	36.06	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	107054	49.27	ng	#	1
42) 2,4,6-Trichlorophenol	8.92	196	51058	35.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	50976	41.36	ng	#	91
45) 1,1'-Biphenyl	9.11	154	268896	49.71	ng		98
46) 2-Chloronaphthalene	9.13	162	193465	45.56	ng		99
47) 2-Nitroaniline	9.22	65	56925	37.77	ng		88
48) Acenaphthylene	9.54	152	287902	42.61	ng		99
49) Dimethylphthalate	9.42	163	210273	45.18	ng		97
50) 2,6-Dinitrotoluene	9.47	165	37183	36.05	ng	#	81
51) Acenaphthene	9.71	154	168003	40.56	ng		98
52) 3-Nitroaniline	9.63	138	49309	37.60	ng		86
54) Dibenzofuran	9.88	168	221260	40.81	ng		96
55) 4-Nitrophenol	9.82	139	29120	29.22	ng		90
56) 2,4-Dinitrotoluene	9.87	165	41175	30.53	ng	#	54
57) Fluorene	10.23	166	171499	41.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	31146	32.66	ng	#	51
59) Diethylphthalate	10.11	149	204027	43.68	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	79354	40.88	ng		89
61) 4-Nitroaniline	10.25	138	55398	43.90	ng		96
62) Azobenzene	10.38	77	195091	36.62	ng		95
65) n-Nitrosodiphenylamine	10.34	169	161992	45.09	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	48388	45.23	ng		97
67) Hexachlorobenzene	10.78	284	41534	35.07	ng	#	73
68) Atrazine	10.87	200	36885	32.95	ng		93
69) Pentachlorophenol	10.97	266	21272	30.35	ng		97
70) Phenanthrene	11.18	178	240423	41.43	ng		98
71) Anthracene	11.22	178	223642	38.76	ng		98
72) Carbazole	11.38	167	202173	37.23	ng		99
73) Di-n-butylphthalate	11.72	149	275492	43.61	ng		99
74) Fluoranthene	12.35	202	234389	39.84	ng		98
76) Benzidine	12.49	184	235409	55.77	ng		98
77) Pyrene	12.58	202	263593	37.22	ng		98
79) Butylbenzylphthalate	13.21	149	122003	38.62	ng	#	75
80) Benzo(a)anthracene	13.77	228	209418	38.94	ng		97
81) 3,3'-Dichlorobenzidine	13.74	252	85801	42.44	ng	#	96
82) Chrysene	13.80	228	205706	38.66	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	179441	49.76	ng	#	98
84) Di-n-octyl phthalate	14.39	149	322480	52.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.39	276	128953	31.50	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	163482m	43.53	ng		
88) Benzo(k)fluoranthene	14.79	252	152140m	46.54	ng		
89) Benzo(a)pyrene	15.09	252	144310	45.39	ng	#	94
90) Dibenzo(a,h)anthracene	16.40	278	113990	42.93	ng		97
91) Benzo(g,h,i)perylene	16.77	276	108515	39.50	ng		99

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

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