Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083073.D
Acq On : 20 Nov 2015 10:48
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 20 15:01:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160881	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	621791	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	307828	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	597987	20.00	ng		0.00
75) Chrysene-d12	13.86	240	544230	20.00	ng		0.00
86) Perylene-d12	15.24	264	436330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	747101	72.13	ng		0.00
7) Phenol-d6	6.35	99	1078214	79.03	ng		0.00
23) Nitrobenzene-d5	7.28	82	1037084	76.36	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	238559	72.99	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1756208	76.84	ng		0.00
78) Terphenyl-d14	12.82	244	1769155	76.74	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	173816	37.01	ng		98
3) Pyridine	2.83	79	511116	40.15	ng		97
4) n-Nitrosodimethylamine	2.78	42	241630	37.52	ng		99
6) Aniline	6.36	93	687149	36.83	ng		97
8) 2-Chlorophenol	6.49	128	423039	36.62	ng		98
9) Benzaldehyde	6.24	77	255353	35.82	ng		98
10) Phenol	6.37	94	645329	40.59	ng		93
11) bis(2-Chloroethyl)ether	6.44	93	408901	35.40	ng		99
12) 1,3-Dichlorobenzene	6.64	146	469162	36.28	ng	#	86
13) 1,4-Dichlorobenzene	6.72	146	459434	35.08	ng		99
14) 1,2-Dichlorobenzene	6.88	146	493018	40.73	ng		99
15) Benzyl Alcohol	6.85	79	396566	35.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	687061	38.16	ng		96
17) 2-Methylphenol	6.98	107	358983	37.21	ng		98
18) Hexachloroethane	7.22	117	183331	38.08	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	384610	38.58	ng	#	86
20) 3+4-Methylphenols	7.14	107	484667	38.54	ng		99
22) Acetophenone	7.13	105	698321	40.09	ng	#	94
24) Nitrobenzene	7.29	77	500527	36.53	ng		99
25) Isophorone	7.54	82	986224	38.50	ng		99
26) 2-Nitrophenol	7.61	139	210321	35.10	ng		99
27) 2,4-Dimethylphenol	7.66	122	396108	40.01	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	600269	41.82	ng		99
29) 2,4-Dichlorophenol	7.86	162	382089	39.81	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	421663	39.67	ng		100
31) Naphthalene	8.02	128	1307207	40.35	ng		100
32) Benzoic acid	7.81	122	252612	41.95	ng		97
33) 4-Chloroaniline	8.06	127	499982	35.48	ng		99
34) Hexachlorobutadiene	8.14	225	255052	38.40	ng		98
35) Caprolactam	8.45	113	117325	38.45	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	457315	41.22	ng		95
37) 2-Methylnaphthalene	8.70	142	772851	35.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	402335	39.64	ng		99
40) Hexachlorocyclopentadiene	8.86	237	187112	39.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	271023	36.79	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	298350	40.62	ng		99
45) 1,1'-Biphenyl	9.17	154	1012751	37.40	ng		99
46) 2-Chloronaphthalene	9.20	162	833472	40.45	ng		99
47) 2-Nitroaniline	9.29	65	288396	37.10	ng		97
48) Acenaphthylene	9.61	152	1237311	36.48	ng		99
49) Dimethylphthalate	9.48	163	872049	34.42	ng		100
50) 2,6-Dinitrotoluene	9.54	165	209883	38.43	ng	#	82
51) Acenaphthene	9.78	154	753084	35.13	ng		99
52) 3-Nitroaniline	9.71	138	268944	43.16	ng	#	77
53) 2,4-Dinitrophenol	9.81	184	113152	40.66	ng	#	89
54) Dibenzofuran	9.95	168	1013099	35.27	ng		100
55) 4-Nitrophenol	9.88	139	180760	42.27	ng	#	85
56) 2,4-Dinitrotoluene	9.94	165	262061	35.85	ng	#	87
57) Fluorene	10.29	166	876094	37.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	242024	40.77	ng		98
59) Diethylphthalate	10.18	149	924627	37.42	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	432599	39.96	ng		97
61) 4-Nitroaniline	10.32	138	242726	38.15	ng		94
62) Azobenzene	10.45	77	1070450	38.68	ng		98
64) 4,6-Dinitro-2-methylphenol	10.35	198	168127	44.10	ng		71
65) n-Nitrosodiphenylamine	10.41	169	719218	34.32	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	247918	35.80	ng		98
67) Hexachlorobenzene	10.84	284	287947	38.01	ng		97
68) Atrazine	10.94	200	261598	39.85	ng		99
69) Pentachlorophenol	11.04	266	164078	42.44	ng		98
70) Phenanthrene	11.25	178	1427254	39.56	ng		99
71) Anthracene	11.30	178	1215365	33.44	ng		100
72) Carbazole	11.46	167	1272663	40.06	ng		99
73) Di-n-butylphthalate	11.80	149	1504420	37.55	ng		100
74) Fluoranthene	12.43	202	1279778	34.04	ng		99
76) Benzidine	12.56	184	588831	33.07	ng		100
77) Pyrene	12.66	202	1382886	36.09	ng		100
79) Butylbenzylphthalate	13.29	149	607941	35.91	ng		98
80) Benzo(a)anthracene	13.85	228	1332882	38.54	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	392745	33.73	ng		99
82) Chrysene	13.88	228	1029875	32.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	818570	36.98	ng		99
84) Di-n-octyl phthalate	14.48	149	1448408	40.16	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	995993	38.60	ng		100
87) Benzo(b)fluoranthene	14.87	252	1105045m	36.22	ng		
88) Benzo(k)fluoranthene	14.89	252	842295m	36.24	ng		
89) Benzo(a)pyrene	15.19	252	907277	37.06	ng	#	97
90) Dibenzo(a,h)anthracene	16.57	278	826815	38.81	ng		98
91) Benzo(g,h,i)perylene	16.93	276	805339	38.75	ng		97

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

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