Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084191.D
Acq On : 31 Dec 2015 13:33
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF123115

Manual Integrations APPROVED
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1/4/2016 4:28:39 PM

Quant Time: Dec 31 14:22:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	307421	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1282069	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	613844	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1082109	20.00	ng		0.00
75) Chrysene-d12	14.07	240	792683	20.00	ng		0.00
86) Perylene-d12	15.51	264	619133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1439860	75.76	ng		0.00
7) Phenol-d6	6.53	99	2041486	85.52	ng		0.00
23) Nitrobenzene-d5	7.47	82	1832414	79.55	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	508307	82.02	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2872734	82.11	ng		0.00
78) Terphenyl-d14	13.01	244	2491099	70.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	372092	41.33	ng	#	74
3) Pyridine	3.26	79	1105378	44.03	ng	#	74
4) n-Nitrosodimethylamine	3.21	42	547091	42.46	ng	#	76
6) Aniline	6.57	93	1456478	41.71	ng	#	79
8) 2-Chlorophenol	6.68	128	857585	39.77	ng		84
9) Benzaldehyde	6.44	77	621087	39.96	ng		92
10) Phenol	6.54	94	1304964	48.08	ng		89
11) bis(2-Chloroethyl)ether	6.64	93	796770	37.90	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	890596	40.04	ng	#	93
13) 1,4-Dichlorobenzene	6.92	146	948086	42.50	ng		96
14) 1,2-Dichlorobenzene	7.07	146	809312	37.88	ng		94
15) Benzyl Alcohol	7.05	79	866055	43.13	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1519835	39.70	ng		83
17) 2-Methylphenol	7.16	107	762053	42.17	ng		97
18) Hexachloroethane	7.42	117	380449	42.65	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	616690	38.16	ng	#	67
20) 3+4-Methylphenols	7.31	107	830530	39.10	ng	#	74
22) Acetophenone	7.32	105	1284369	41.66	ng	#	93
24) Nitrobenzene	7.49	77	1011008	43.27	ng		91
25) Isophorone	7.73	82	1777283	40.34	ng		98
26) 2-Nitrophenol	7.80	139	425319	40.00	ng	#	77
27) 2,4-Dimethylphenol	7.85	122	909758	42.27	ng		91
28) bis(2-Chloroethoxy)methane	7.94	93	992616	36.89	ng		99
29) 2,4-Dichlorophenol	8.04	162	686776	38.31	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	768014	41.49	ng		97
31) Naphthalene	8.21	128	2364763	40.65	ng		97
32) Benzoic acid	7.96	122	598619	43.85	ng		94
33) 4-Chloroaniline	8.26	127	1015217	38.07	ng		97
34) Hexachlorobutadiene	8.34	225	437001	41.07	ng		99
35) Caprolactam	8.64	113	220982	36.56	ng	#	39
36) 4-Chloro-3-methylphenol	8.74	107	781901	38.93	ng		94
37) 2-Methylnaphthalene	8.90	142	1611975	38.61	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	717968	40.68	ng		98
40) Hexachlorocyclopentadiene	9.06	237	434052	40.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	499649	37.84	ng		92
43) 2,4,5-Trichlorophenol	9.22	196	531730	42.01	ng	#	90
45) 1,1'-Biphenyl	9.37	154	1835056	37.61	ng		99
46) 2-Chloronaphthalene	9.39	162	1413437	36.88	ng		96
47) 2-Nitroaniline	9.48	65	485995	38.43	ng		96
48) Acenaphthylene	9.81	152	2345838	41.43	ng		97
49) Dimethylphthalate	9.68	163	1821333	41.50	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	426422	44.30	ng	#	85
51) Acenaphthene	9.98	154	1612180	42.45	ng		97
52) 3-Nitroaniline	9.89	138	463924	38.90	ng		98
53) 2,4-Dinitrophenol	10.00	184	162976	41.54	ng	#	77
54) Dibenzofuran	10.16	168	2167096	43.99	ng		97
55) 4-Nitrophenol	10.05	139	394700	45.59	ng		93
56) 2,4-Dinitrotoluene	10.13	165	574591	47.17	ng		87
57) Fluorene	10.50	166	1565741	40.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	447766	41.44	ng		87
59) Diethylphthalate	10.37	149	1763915	40.77	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	687913	42.41	ng		93
61) 4-Nitroaniline	10.51	138	417220	39.24	ng		94
62) Azobenzene	10.65	77	1976761	41.65	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	222073	33.79	ng	#	50
65) n-Nitrosodiphenylamine	10.60	169	1333280	38.54	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	495650	42.56	ng	#	88
67) Hexachlorobenzene	11.04	284	495270	37.78	ng	#	76
68) Atrazine	11.14	200	469423	41.46	ng		92
69) Pentachlorophenol	11.23	266	302122	44.45	ng		97
70) Phenanthrene	11.46	178	2448334	43.25	ng		97
71) Anthracene	11.50	178	2178853	39.27	ng		96
72) Carbazole	11.65	167	2113616	38.96	ng		99
73) Di-n-butylphthalate	12.00	149	2400811	40.59	ng	#	94
74) Fluoranthene	12.64	202	2206526	37.32	ng		97
76) Benzidine	12.76	184	1138901	40.07	ng		98
77) Pyrene	12.87	202	2300885	36.99	ng		98
79) Butylbenzylphthalate	13.49	149	1110497	41.26	ng		93
80) Benzo(a)anthracene	14.05	228	1732260	37.22	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	653092	40.20	ng	#	94
82) Chrysene	14.09	228	1671311	37.37	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1323007	38.90	ng		99
84) Di-n-octyl phthalate	14.67	149	2258316	39.33	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.92	276	1484468	41.87	ng		99
87) Benzo(b)fluoranthene	15.09	252	1631117	40.27	ng		99
88) Benzo(k)fluoranthene	15.12	252	1293531m	39.05	ng		
89) Benzo(a)pyrene	15.45	252	1382468	40.24	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	1234022	41.75	ng		99
91) Benzo(g,h,i)perylene	17.36	276	1275045	41.65	ng		97

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

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