Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086360.D
Acq On : 22 Apr 2016 22:51
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF042216

Manual Integrations APPROVED
sohil
4/25/2016 12:35:39 PM

Quant Time: Apr 23 00:30:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	178975	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	766724	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	376064	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	718973	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	534936	20.00	ng	0.00
86) Perylene-d12	15.41	264	490765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	781952	75.45	ng	0.00
7) Phenol-d6	6.48	99	1068686	75.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	1025226	79.21	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	268654	78.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1649794	74.86	ng	0.00
78) Terphenyl-d14	12.95	244	1571289	72.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	201480	35.16	ng	99
3) Pyridine	3.13	79	545152	39.92	ng	98
4) n-Nitrosodimethylamine	3.07	42	186854	36.07	ng	100
6) Aniline	6.50	93	680055	39.55	ng	97
8) 2-Chlorophenol	6.62	128	476899	37.69	ng	98
9) Benzaldehyde	6.38	77	352997	41.25	ng	98
10) Phenol	6.49	94	649560	39.04	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	530796	36.65	ng	97
12) 1,3-Dichlorobenzene	6.78	146	520185	38.55	ng	99
13) 1,4-Dichlorobenzene	6.86	146	554684	37.42	ng	99
14) 1,2-Dichlorobenzene	7.01	146	510860	37.93	ng	99
15) Benzyl Alcohol	6.99	79	327909	39.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	704562	37.11	ng	99
17) 2-Methylphenol	7.10	107	395251	38.12	ng	99
18) Hexachloroethane	7.36	117	183046	36.66	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	321870	38.23	ng	98
20) 3+4-Methylphenols	7.25	107	423222	38.51	ng	98
22) Acetophenone	7.25	105	594273	36.95	ng	99
24) Nitrobenzene	7.42	77	527722	38.01	ng	98
25) Isophorone	7.66	82	917527	36.17	ng	99
26) 2-Nitrophenol	7.74	139	283835	41.38	ng	99
27) 2,4-Dimethylphenol	7.78	122	444744	37.86	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	544529	38.45	ng	99
29) 2,4-Dichlorophenol	7.98	162	396511	40.84	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	407275	38.62	ng	100
31) Naphthalene	8.16	128	1450140	37.13	ng	99
32) Benzoic acid	7.90	122	296082	39.43	ng	95
33) 4-Chloroaniline	8.20	127	603672	39.68	ng	98
34) Hexachlorobutadiene	8.27	225	201953	38.35	ng	99
35) Caprolactam	8.57	113	136634	39.22	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	473194	41.01	ng	99
37) 2-Methylnaphthalene	8.84	142	880083	39.07	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	356827	36.68	ng	99
40) Hexachlorocyclopentadiene	8.99	237	190126	40.01	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	261459	40.98	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	290358	36.97	ng	97
45) 1,1'-Biphenyl	9.31	154	1101091	37.74	ng	100
46) 2-Chloronaphthalene	9.33	162	867426	37.56	ng	99
47) 2-Nitroaniline	9.42	65	294312	40.93	ng	99
48) Acenaphthylene	9.74	152	1432818	38.27	ng	100
49) Dimethylphthalate	9.61	163	1044261	38.44	ng	100
50) 2,6-Dinitrotoluene	9.66	165	228943	39.01	ng	98
51) Acenaphthene	9.92	154	896475	38.97	ng	100
52) 3-Nitroaniline	9.84	138	302558	41.18	ng	97
53) 2,4-Dinitrophenol	9.94	184	126700	41.53	ng	99
54) Dibenzofuran	10.09	168	1129765	38.25	ng	99
55) 4-Nitrophenol	10.00	139	208719	40.60	ng	99
56) 2,4-Dinitrotoluene	10.06	165	299047	38.37	ng	100
57) Fluorene	10.43	166	917057	37.89	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	231278	40.28	ng	98
59) Diethylphthalate	10.30	149	996736	38.31	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	388901	36.74	ng	98
61) 4-Nitroaniline	10.45	138	303174	40.32	ng	99
62) Azobenzene	10.58	77	1014573	37.61	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	179376	40.83	ng	99
65) n-Nitrosodiphenylamine	10.54	169	825495	37.24	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	263011	37.36	ng	95
67) Hexachlorobenzene	10.98	284	274142	36.50	ng	97
68) Atrazine	11.07	200	266656	38.96	ng	99
69) Pentachlorophenol	11.16	266	181210	41.08	ng	97
70) Phenanthrene	11.39	178	1342943	37.17	ng	100
71) Anthracene	11.44	178	1446030	34.93	ng	100
72) Carbazole	11.60	167	1433251	36.87	ng	100
73) Di-n-butylphthalate	11.93	149	1546837	37.82	ng	100
74) Fluoranthene	12.57	202	1374047	35.27	ng	99
76) Benzidine	12.69	184	872419	39.77	ng	98
77) Pyrene	12.80	202	1369050	36.70	ng	99
79) Butylbenzylphthalate	13.43	149	715789	41.18	ng	98
80) Benzo(a)anthracene	13.99	228	1106781	39.86	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	705379	36.83	ng	98
82) Chrysene	14.02	228	1077031	34.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	772549	39.70	ng	100
84) Di-n-octyl phthalate	14.59	149	1474279	39.46	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	990163	35.60	ng	100
87) Benzo(b)fluoranthene	15.00	252	1267485m	47.05	ng	
88) Benzo(k)fluoranthene	15.04	252	847115m	32.04	ng	
89) Benzo(a)pyrene	15.36	252	1029629	38.75	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	819625	37.39	ng	97
91) Benzo(g,h,i)perylene	17.20	276	831410	36.74	ng	99

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

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