Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089326.D
Acq On : 27 Jul 2016 12:51
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
sohil
7/28/2016 4:55:42 PM

Quant Time: Jul 27 15:25:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 14:44:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42758	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	186637	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90515	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	167706	20.00	ng	0.00
75) Chrysene-d12	13.67	240	122199	20.00	ng	0.00
86) Perylene-d12	15.01	264	91749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	222192	82.97	ng	0.00
7) Phenol-d6	6.20	99	296923	83.90	ng	0.00
23) Nitrobenzene-d5	7.12	82	265984	84.12	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	62319	83.13	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	514065	83.35	ng	0.00
78) Terphenyl-d14	12.63	244	402039	77.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	46977	33.99	ng	100
3) Pyridine	2.56	79	112721	43.02	ng	98
4) n-Nitrosodimethylamine	2.54	42	41125	43.53	ng	96
6) Aniline	6.20	93	163694	42.84	ng	98
8) 2-Chlorophenol	6.33	128	132067	43.60	ng	99
9) Benzaldehyde	6.09	77	70940	41.05	ng	99
10) Phenol	6.22	94	171095	43.81	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	133599	40.27	ng	99
12) 1,3-Dichlorobenzene	6.48	146	133899	42.26	ng	98
13) 1,4-Dichlorobenzene	6.56	146	148311	42.42	ng	99
14) 1,2-Dichlorobenzene	6.72	146	127267	38.85	ng	98
15) Benzyl Alcohol	6.71	79	91125	41.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	152847	42.23	ng	99
17) 2-Methylphenol	6.82	107	95519	40.80	ng	98
18) Hexachloroethane	7.05	117	55028	41.05	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	91330	42.80	ng	99
20) 3+4-Methylphenols	6.98	107	127470	42.40	ng	97
22) Acetophenone	6.97	105	191297	43.05	ng	99
24) Nitrobenzene	7.14	77	145050	40.31	ng	98
25) Isophorone	7.38	82	262459	41.21	ng	100
26) 2-Nitrophenol	7.46	139	64663	40.19	ng	98
27) 2,4-Dimethylphenol	7.51	122	105310	41.09	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	149567	42.42	ng	100
29) 2,4-Dichlorophenol	7.70	162	100637	43.09	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	109551	41.11	ng	99
31) Naphthalene	7.85	128	363474	39.33	ng	100
32) Benzoic acid	7.67	122	73385	41.09	ng	95
33) 4-Chloroaniline	7.92	127	137191	38.99	ng	99
34) Hexachlorobutadiene	7.98	225	64935	42.55	ng	98
35) Caprolactam	8.30	113	29143	41.34	ng	96
36) 4-Chloro-3-methylphenol	8.41	107	121953	43.93	ng	99
37) 2-Methylnaphthalene	8.55	142	226167	40.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	120356	38.00	ng	100
40) Hexachlorocyclopentadiene	8.70	237	30719	42.88	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	62961	41.81	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	76099	39.89	ng		98
45) 1,1'-Biphenyl	9.00	154	288838	37.48	ng		99
46) 2-Chloronaphthalene	9.03	162	226792	39.18	ng		98
47) 2-Nitroaniline	9.14	65	69041	40.28	ng		99
48) Acenaphthylene	9.44	152	381063	41.80	ng		100
49) Dimethylphthalate	9.32	163	281283	40.83	ng		100
50) 2,6-Dinitrotoluene	9.38	165	61427	43.40	ng		93
51) Acenaphthene	9.61	154	219384	41.21	ng		99
52) 3-Nitroaniline	9.55	138	60876	40.76	ng		97
53) 2,4-Dinitrophenol	9.67	184	17464	37.09	ng		97
54) Dibenzofuran	9.78	168	288608	39.78	ng		99
55) 4-Nitrophenol	9.74	139	25382m	25.85	ng		
56) 2,4-Dinitrotoluene	9.78	165	77816	41.76	ng		97
57) Fluorene	10.12	166	258233	40.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	56589	44.43	ng	#	97
59) Diethylphthalate	10.01	149	264500	37.87	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	111314	38.32	ng		99
61) 4-Nitroaniline	10.16	138	63478	41.23	ng		98
62) Azobenzene	10.27	77	271665	37.77	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	41806	44.31	ng		97
65) n-Nitrosodiphenylamine	10.24	169	206170	39.40	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	68976	43.08	ng		94
67) Hexachlorobenzene	10.66	284	63905	38.95	ng		96
68) Atrazine	10.78	200	70479	43.84	ng		98
69) Pentachlorophenol	10.87	266	27498	40.23	ng		96
70) Phenanthrene	11.07	178	363093	41.98	ng		100
71) Anthracene	11.12	178	371270	38.61	ng		100
72) Carbazole	11.29	167	322198	39.80	ng		99
73) Di-n-butylphthalate	11.62	149	421719	38.83	ng		100
74) Fluoranthene	12.25	202	389446	42.80	ng		99
76) Benzidine	12.39	184	180851	40.05	ng		98
77) Pyrene	12.48	202	362922	39.19	ng		99
79) Butylbenzylphthalate	13.11	149	183947	43.69	ng		100
80) Benzo(a)anthracene	13.66	228	276121	40.04	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	100375	40.45	ng		98
82) Chrysene	13.69	228	278038	37.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	242828	39.89	ng		99
84) Di-n-octyl phthalate	14.27	149	374619	39.44	ng		100
85) Indeno(1,2,3-cd)pyrene	16.21	276	197292	37.80	ng		99
87) Benzo(b)fluoranthene	14.65	252	209856m	36.83	ng		
88) Benzo(k)fluoranthene	14.67	252	232076m	44.44	ng		
89) Benzo(a)pyrene	14.95	252	207719	40.64	ng		98
90) Dibenzo(a,h)anthracene	16.21	278	162565	40.37	ng		97
91) Benzo(g,h,i)perylene	16.56	276	162812	41.14	ng		94

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

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