Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087309.D
Acq On : 23 May 2016 19:59
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF052316

Manual Integrations APPROVED
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5/24/2016 7:39:20 PM

Quant Time: May 24 18:41:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	131282	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	547563	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	252497	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	468308	20.00	ng		0.00
75) Chrysene-d12	18.56	240	372570	20.00	ng		0.00
86) Perylene-d12	20.23	264	282000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	632294	80.73	ng		0.00
7) Phenol-d6	7.15	99	786343	75.58	ng		-0.01
23) Nitrobenzene-d5	8.54	82	852466	76.97	ng		0.00
41) 2,4,6-Tribromophenol	13.77	330	179499	66.01	ng		-0.01
44) 2-Fluorobiphenyl	11.43	172	1356749	87.45	ng		0.00
78) Terphenyl-d14	17.21	244	1281909	75.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	150202	37.71	ng	#	73
3) Pyridine	2.56	79	334465	35.13	ng	#	65
4) n-Nitrosodimethylamine	2.52	42	267344	39.37	ng	#	49
6) Aniline	7.12	93	535706	40.20	ng		92
8) 2-Chlorophenol	7.29	128	377743	39.90	ng		91
9) Benzaldehyde	6.94	77	192484	32.55	ng		98
10) Phenol	7.18	94	403682	31.91	ng		87
11) bis(2-Chloroethyl)ether	7.26	93	358637	36.30	ng		88
12) 1,3-Dichlorobenzene	7.51	146	402766m	40.05	ng		
13) 1,4-Dichlorobenzene	7.64	146	415501	40.25	ng		97
14) 1,2-Dichlorobenzene	7.87	146	390324	42.45	ng		98
15) Benzyl Alcohol	7.91	79	314778	40.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.10	45	806183	39.59	ng		91
17) 2-Methylphenol	8.11	107	295183	38.17	ng	#	82
18) Hexachloroethane	8.39	117	156597	39.88	ng		99
19) n-Nitroso-di-n-propylamine	8.33	70	300183	38.34	ng	#	72
20) 3+4-Methylphenols	8.38	107	379450	37.49	ng	#	61
22) Acetophenone	8.30	105	549107	41.18	ng	#	95
24) Nitrobenzene	8.56	77	457314	38.44	ng		98
25) Isophorone	8.96	82	760124	37.88	ng		97
26) 2-Nitrophenol	9.06	139	191071	38.28	ng	#	72
27) 2,4-Dimethylphenol	9.20	122	324244	38.22	ng		89
28) bis(2-Chloroethoxy)methane	9.34	93	440454	40.39	ng		99
29) 2,4-Dichlorophenol	9.47	162	292888	38.90	ng		97
30) 1,2,4-Trichlorobenzene	9.56	180	331619	39.56	ng		96
31) Naphthalene	9.68	128	1076614	40.01	ng		100
32) Benzoic acid	9.52	122	135042	27.61	ng	#	80
33) 4-Chloroaniline	9.82	127	402715	36.74	ng	#	92
34) Hexachlorobutadiene	9.90	225	202046	42.02	ng		99
35) Caprolactam	10.46	113	90895	38.30	ng	#	49
36) 4-Chloro-3-methylphenol	10.67	107	330662	36.68	ng		94
37) 2-Methylnaphthalene	10.80	142	668933	38.84	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	322504	42.67	ng		100
40) Hexachlorocyclopentadiene	11.05	237	92986	39.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	186252	38.87	ng		94
43) 2,4,5-Trichlorophenol	11.38	196	190878	38.70	ng	#	93
45) 1,1'-Biphenyl	11.58	154	876738	41.63	ng		97
46) 2-Chloronaphthalene	11.59	162	632125	38.98	ng		92
47) 2-Nitroaniline	11.80	65	237570	38.86	ng	#	80
48) Acenaphthylene	12.25	152	1035223	41.47	ng		99
49) Dimethylphthalate	12.13	163	775186	39.88	ng		100
50) 2,6-Dinitrotoluene	12.22	165	161749	39.21	ng	#	80
51) Acenaphthene	12.54	154	621415	39.93	ng		97
52) 3-Nitroaniline	12.49	138	169564	37.96	ng		99
53) 2,4-Dinitrophenol	12.70	184	66237	32.62	ng	#	83
54) Dibenzofuran	12.82	168	842579	41.62	ng		100
55) 4-Nitrophenol	12.87	139	81353	42.55	ng	#	49
56) 2,4-Dinitrotoluene	12.88	165	217689	40.52	ng		92
57) Fluorene	13.37	166	714447	43.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	145620	37.74	ng		99
59) Diethylphthalate	13.27	149	774357	42.22	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	344066	44.79	ng		99
61) 4-Nitroaniline	13.49	138	153257	35.20	ng	#	68
62) Azobenzene	13.66	77	827550	39.18	ng		87
64) 4,6-Dinitro-2-methylphenol	13.54	198	116063	37.65	ng	#	65
65) n-Nitrosodiphenylamine	13.61	169	583634	39.58	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	200181	40.61	ng		99
67) Hexachlorobenzene	14.25	284	207902	37.73	ng	#	67
68) Atrazine	14.53	200	176226	36.73	ng		95
69) Pentachlorophenol	14.62	266	55921m	28.22	ng		
70) Phenanthrene	14.91	178	999887	39.51	ng		100
71) Anthracene	15.01	178	1045407	39.96	ng		99
72) Carbazole	15.28	167	882183	37.99	ng		98
73) Di-n-butylphthalate	15.85	149	1162028	42.71	ng	#	98
74) Fluoranthene	16.66	202	1000649	38.93	ng		97
76) Benzidine	16.89	184	389474	39.69	ng		99
77) Pyrene	16.97	202	1043795	38.88	ng		100
79) Butylbenzylphthalate	17.87	149	458164	40.18	ng	#	73
80) Benzo(a)anthracene	18.55	228	801920	36.97	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	561151	41.72	ng	#	97
82) Chrysene	18.59	228	826694	39.65	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	678900	47.28	ng		97
84) Di-n-octyl phthalate	19.38	149	1056855	42.92	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	625412	34.43	ng		96
87) Benzo(b)fluoranthene	19.82	252	636025m	33.02	ng		
88) Benzo(k)fluoranthene	19.85	252	637404m	47.30	ng		
89) Benzo(a)pyrene	20.17	252	631154	40.55	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	531104	40.23	ng	#	93
91) Benzo(g,h,i)perylene	21.85	276	524623	39.62	ng	#	92

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

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