Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084708.D
Acq On : 1 Feb 2016 14:37
Operator : SJ/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF020116

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:37 PM

Quant Time: Feb 01 15:07:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179279	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	714994	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	351380	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	623375	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	472988	20.00	ng		0.00
86) Perylene-d12	15.24	264	387480	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	843545	73.29	ng		-0.01
7) Phenol-d6	6.36	99	1023972	71.76	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1030660	81.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	304553	83.09	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1689100	79.07	ng		-0.01
78) Terphenyl-d14	12.82	244	1595219	76.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	183118	36.32	ng	#	72
3) Pyridine	2.89	79	476594	36.28	ng	#	77
4) n-Nitrosodimethylamine	2.83	42	260343	38.32	ng		79
6) Aniline	6.37	93	679661	38.93	ng	#	64
8) 2-Chlorophenol	6.50	128	508835	39.06	ng		95
9) Benzaldehyde	6.26	77	342548	40.65	ng		96
10) Phenol	6.37	94	541781	33.89	ng	#	63
11) bis(2-Chloroethyl)ether	6.45	93	444561	35.66	ng		83
12) 1,3-Dichlorobenzene	6.65	146	503264m	36.56	ng		
13) 1,4-Dichlorobenzene	6.73	146	519189	37.73	ng		97
14) 1,2-Dichlorobenzene	6.89	146	502422	39.20	ng		97
15) Benzyl Alcohol	6.86	79	374315	37.99	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	788978	37.63	ng		86
17) 2-Methylphenol	6.99	107	418049	40.57	ng		93
18) Hexachloroethane	7.23	117	207867	39.23	ng	#	84
19) n-Nitroso-di-n-propylamine	7.14	70	321290	35.92	ng	#	73
20) 3+4-Methylphenols	7.14	107	490340	38.34	ng	#	65
22) Acetophenone	7.13	105	729933	38.73	ng	#	98
24) Nitrobenzene	7.30	77	497218	36.58	ng		94
25) Isophorone	7.55	82	988179	40.04	ng		97
26) 2-Nitrophenol	7.62	139	254357	37.94	ng	#	83
27) 2,4-Dimethylphenol	7.66	122	427910	36.70	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	564403	38.55	ng	#	96
29) 2,4-Dichlorophenol	7.87	162	407285	40.82	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	439703	39.02	ng	#	94
31) Naphthalene	8.02	128	1321095	36.84	ng		99
32) Benzoic acid	7.80	122	320907	43.03	ng		92
33) 4-Chloroaniline	8.08	127	541529	36.51	ng		97
34) Hexachlorobutadiene	8.14	225	250984	38.63	ng		98
35) Caprolactam	8.46	113	137298	44.65	ng		90
36) 4-Chloro-3-methylphenol	8.57	107	431210	37.89	ng		92
37) 2-Methylnaphthalene	8.72	142	942501	41.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	414155	37.11	ng		97
40) Hexachlorocyclopentadiene	8.86	237	168680	42.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	283774	39.47	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	271031	37.10	ng	#	81
45) 1,1'-Biphenyl	9.18	154	1279946	40.78	ng		97
46) 2-Chloronaphthalene	9.21	162	891323	38.56	ng	#	87
47) 2-Nitroaniline	9.30	65	264480	36.14	ng		98
48) Acenaphthylene	9.62	152	1408748	40.16	ng		98
49) Dimethylphthalate	9.49	163	1080555	40.38	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	242298	41.44	ng	#	73
51) Acenaphthene	9.79	154	893386	39.15	ng		97
52) 3-Nitroaniline	9.72	138	269786	41.07	ng	#	68
53) 2,4-Dinitrophenol	9.82	184	106637	42.45	ng		91
54) Dibenzofuran	9.96	168	1130001	40.52	ng		98
55) 4-Nitrophenol	9.89	139	206683	42.81	ng		92
56) 2,4-Dinitrotoluene	9.95	165	291577	39.10	ng	#	89
57) Fluorene	10.30	166	967259	41.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	210273	37.81	ng		90
59) Diethylphthalate	10.19	149	1053427	40.31	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	399355	40.01	ng		91
61) 4-Nitroaniline	10.33	138	242939	37.95	ng		93
62) Azobenzene	10.45	77	979323	38.97	ng		89
64) 4,6-Dinitro-2-methylphenol	10.36	198	170519	44.32	ng		80
65) n-Nitrosodiphenylamine	10.42	169	834898	42.18	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	293478	42.62	ng	#	88
67) Hexachlorobenzene	10.84	284	292457	38.98	ng	#	80
68) Atrazine	10.94	200	249919	39.98	ng		98
69) Pentachlorophenol	11.05	266	151467	42.96	ng		99
70) Phenanthrene	11.25	178	1304957	37.74	ng		98
71) Anthracene	11.31	178	1469581	42.18	ng		99
72) Carbazole	11.47	167	1324015	43.58	ng		98
73) Di-n-butylphthalate	11.80	149	1486268	38.43	ng	#	96
74) Fluoranthene	12.44	202	1447224	41.36	ng		97
76) Benzidine	12.57	184	613850	36.67	ng		97
77) Pyrene	12.67	202	1527702	42.19	ng		99
79) Butylbenzylphthalate	13.30	149	694212	42.26	ng		95
80) Benzo(a)anthracene	13.86	228	1181879	40.26	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	458337	44.10	ng	#	98
82) Chrysene	13.89	228	1202923	42.26	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	823729	40.29	ng		98
84) Di-n-octyl phthalate	14.48	149	1396449	41.40	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.56	276	862086	38.47	ng		99
87) Benzo(b)fluoranthene	14.87	252	1042230m	40.03	ng		
88) Benzo(k)fluoranthene	14.89	252	860539m	39.98	ng		
89) Benzo(a)pyrene	15.19	252	890645	40.15	ng	#	95
90) Dibenzo(a,h)anthracene	16.57	278	722701	38.70	ng		97
91) Benzo(g,h,i)perylene	16.95	276	714212	37.97	ng		99

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

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