Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089598.D
Acq On : 4 Aug 2016 20:15
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Manual Integrations APPROVED
sohil
8/5/2016 6:58:52 PM

Quant Time: Aug 05 02:08:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42582	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	187414	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	87877	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	172202	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	115652	20.00	ng	0.00
86) Perylene-d12	20.05	264	82728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	203740	80.19	ng	0.00
7) Phenol-d6	6.98	99	275484	79.93	ng	0.00
23) Nitrobenzene-d5	8.35	82	251442	74.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	59468	82.00	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	489071	72.33	ng	0.00
78) Terphenyl-d14	17.05	244	413159	70.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	48722	33.45	ng	99
3) Pyridine	2.31	79	105289	39.34	ng	99
4) n-Nitrosodimethylamine	2.28	42	38181	34.56	ng	98
6) Aniline	6.94	93	162185	36.31	ng	99
8) 2-Chlorophenol	7.12	128	123077	39.46	ng	99
9) Benzaldehyde	6.75	77	58188	46.54	ng	98
10) Phenol	6.99	94	141956	40.12	ng	92
11) bis(2-Chloroethyl)ether	7.08	93	119514	39.31	ng	97
12) 1,3-Dichlorobenzene	7.35	146	126083	37.22	ng	99
13) 1,4-Dichlorobenzene	7.47	146	127534	37.75	ng	99
14) 1,2-Dichlorobenzene	7.70	146	126674	35.57	ng	99
15) Benzyl Alcohol	7.72	79	88006	38.94	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.94	45	147325	38.06	ng	94
17) 2-Methylphenol	7.94	107	89349	39.66	ng	97
18) Hexachloroethane	8.23	117	52314	36.74	ng	96
19) n-Nitroso-di-n-propylamine	8.16	70	91525	36.76	ng	96
20) 3+4-Methylphenols	8.20	107	112499	39.56	ng	98
22) Acetophenone	8.14	105	179058	40.08	ng	99
24) Nitrobenzene	8.39	77	133255	41.41	ng	97
25) Isophorone	8.79	82	245123	37.78	ng	97
26) 2-Nitrophenol	8.89	139	56869	38.50	ng	99
27) 2,4-Dimethylphenol	9.03	122	104889	39.50	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	139889	35.64	ng	98
29) 2,4-Dichlorophenol	9.30	162	91179	36.29	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	106254	37.03	ng	98
31) Naphthalene	9.51	128	357948	35.93	ng	100
32) Benzoic acid	9.35	122	58505	35.07	ng	98
33) 4-Chloroaniline	9.64	127	132021	35.29	ng	98
34) Hexachlorobutadiene	9.72	225	58958	35.68	ng	99
35) Caprolactam	10.27	113	27815	37.99	ng	94
36) 4-Chloro-3-methylphenol	10.50	107	111954	38.33	ng	95
37) 2-Methylnaphthalene	10.63	142	219563	35.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	120587	36.51	ng	100
40) Hexachlorocyclopentadiene	10.89	237	30840	32.98	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.12	196	62789	38.54	ng		97
43) 2,4,5-Trichlorophenol	11.20	196	71431	41.03	ng		97
45) 1,1'-Biphenyl	11.40	154	295756	37.32	ng		99
46) 2-Chloronaphthalene	11.42	162	221013	37.20	ng		97
47) 2-Nitroaniline	11.62	65	65977	34.45	ng		98
48) Acenaphthylene	12.07	152	367493	37.55	ng		99
49) Dimethylphthalate	11.95	163	270326	39.25	ng		98
50) 2,6-Dinitrotoluene	12.04	165	56230	41.06	ng		96
51) Acenaphthene	12.35	154	213538	37.77	ng		99
52) 3-Nitroaniline	12.31	138	58119	35.48	ng		98
53) 2,4-Dinitrophenol	12.51	184	17081	37.49	ng		88
54) Dibenzofuran	12.64	168	290630	37.40	ng		99
55) 4-Nitrophenol	12.70	139	28867m	30.83	ng		
56) 2,4-Dinitrotoluene	12.70	165	75021	38.95	ng		94
57) Fluorene	13.19	166	250529	37.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	47699	36.09	ng		96
59) Diethylphthalate	13.10	149	273680	38.42	ng		97
60) 4-Chlorophenyl-phenylether	13.22	204	118851	39.02	ng		99
61) 4-Nitroaniline	13.30	138	54848	37.24	ng		92
62) Azobenzene	13.47	77	266420	38.67	ng		93
64) 4,6-Dinitro-2-methylphenol	13.36	198	37209	36.73	ng		84
65) n-Nitrosodiphenylamine	13.43	169	208095	35.78	ng		100
66) 4-Bromophenyl-phenylether	14.00	248	64009	38.43	ng	#	80
67) Hexachlorobenzene	14.07	284	64912	35.43	ng		93
68) Atrazine	14.35	200	66542	40.98	ng		98
69) Pentachlorophenol	14.42	266	25684	35.18	ng		99
70) Phenanthrene	14.73	178	343147	36.65	ng		99
71) Anthracene	14.81	178	371587	37.01	ng		100
72) Carbazole	15.10	167	319245	38.16	ng		99
73) Di-n-butylphthalate	15.70	149	440034	38.89	ng		99
74) Fluoranthene	16.49	202	365757	38.00	ng		98
76) Benzidine	16.73	184	150385	42.90	ng		97
77) Pyrene	16.79	202	354304	34.65	ng		99
79) Butylbenzylphthalate	17.73	149	173225	39.81	ng		98
80) Benzo(a)anthracene	18.38	228	251688	37.88	ng		98
81) 3,3'-Dichlorobenzidine	18.37	252	85609	40.89	ng		100
82) Chrysene	18.42	228	262240	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	237599	39.44	ng		100
84) Di-n-octyl phthalate	19.25	149	340695	39.30	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	197565	37.32	ng		99
87) Benzo(b)fluoranthene	19.65	252	188891	37.12	ng		100
88) Benzo(k)fluoranthene	19.67	252	197277m	38.43	ng		
89) Benzo(a)pyrene	19.99	252	178267	37.42	ng		100
90) Dibenzo(a,h)anthracene	21.23	278	163952	36.84	ng		99
91) Benzo(g,h,i)perylene	21.57	276	167956	36.87	ng	#	93

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

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