Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080681.D
Acq On : 27 Jul 2015 19:39
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Manual Integrations APPROVED
apatel
7/29/2015 10:40:16 AM

Quant Time: Jul 28 06:12:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	29762	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	92313	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	36351	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	52924	20.00	ng		0.00
75) Chrysene-d12	14.25	240	31468	20.00	ng		0.00
86) Perylene-d12	15.89	264	15953	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	148846	79.65	ng		0.00
7) Phenol-d6	6.53	99	159240	79.20	ng		0.00
23) Nitrobenzene-d5	7.48	82	153219	85.28	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	24565	77.21	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	232674	80.65	ng		0.00
78) Terphenyl-d14	13.07	244	141422	76.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	35547	45.08	ng		97
3) Pyridine	3.28	79	83771	42.06	ng		97
4) n-Nitrosodimethylamine	3.17	42	51877	40.99	ng		89
6) Aniline	6.58	93	118847	41.73	ng		96
8) 2-Chlorophenol	6.70	128	73231	39.50	ng		99
9) Benzaldehyde	6.46	77	54793	40.26	ng		99
10) Phenol	6.54	94	92310	40.56	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	66654	40.67	ng		96
12) 1,3-Dichlorobenzene	6.86	146	91391	40.58	ng		99
13) 1,4-Dichlorobenzene	6.94	146	85622	38.83	ng		99
14) 1,2-Dichlorobenzene	7.09	146	83461	39.89	ng		99
15) Benzyl Alcohol	7.06	79	62675	38.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	120697	39.30	ng		99
17) 2-Methylphenol	7.16	107	49097	37.81	ng		99
18) Hexachloroethane	7.44	117	28543	38.79	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	44198	37.36	ng		97
20) 3+4-Methylphenols	7.32	107	72147	40.63	ng		98
22) Acetophenone	7.33	105	89423	37.61	ng		99
24) Nitrobenzene	7.50	77	70595	39.84	ng		97
25) Isophorone	7.74	82	108635	38.84	ng		99
26) 2-Nitrophenol	7.82	139	28212	39.47	ng		98
27) 2,4-Dimethylphenol	7.86	122	52995m	38.44	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	66588	40.54	ng		99
29) 2,4-Dichlorophenol	8.05	162	44517	38.28	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	57914	39.13	ng	#	92
31) Naphthalene	8.24	128	175394	38.63	ng		99
32) Benzoic acid	7.90	122	26045m	38.26	ng		
33) 4-Chloroaniline	8.27	127	66266	40.54	ng	#	78
34) Hexachlorobutadiene	8.35	225	36683	39.71	ng		91
35) Caprolactam	8.60	113	9674	40.94	ng		90
36) 4-Chloro-3-methylphenol	8.75	107	44850	38.01	ng		94
37) 2-Methylnaphthalene	8.92	142	114770	39.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	49581	37.05	ng		98
40) Hexachlorocyclopentadiene	9.08	237	32719	38.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	36206	41.00	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	31683	38.81	ng		95
45) 1,1'-Biphenyl	9.39	154	113999	37.34	ng		99
46) 2-Chloronaphthalene	9.41	162	97831	38.30	ng		98
47) 2-Nitroaniline	9.49	65	24232	40.32	ng		97
48) Acenaphthylene	9.82	152	155315	38.64	ng		99
49) Dimethylphthalate	9.68	163	97691	41.34	ng		99
50) 2,6-Dinitrotoluene	9.74	165	17650	37.73	ng		98
51) Acenaphthene	10.00	154	88419	37.40	ng		99
52) 3-Nitroaniline	9.90	138	22046	41.49	ng		98
53) 2,4-Dinitrophenol	10.01	184	4735	39.56	ng	#	47
54) Dibenzofuran	10.17	168	129667	39.96	ng		99
55) 4-Nitrophenol	10.05	139	15021	42.22	ng		97
56) 2,4-Dinitrotoluene	10.14	165	20336	38.13	ng		93
57) Fluorene	10.51	166	98931	40.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	22317m	40.88	ng		
59) Diethylphthalate	10.38	149	91432	40.73	ng		100
60) 4-Chlorophenyl-phenylether	10.51	204	40726	37.52	ng		97
61) 4-Nitroaniline	10.51	138	18721	41.32	ng		97
62) Azobenzene	10.66	77	85491	38.93	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	8155	41.19	ng		90
65) n-Nitrosodiphenylamine	10.61	169	74662	41.31	ng		94
66) 4-Bromophenyl-phenylether	11.00	248	23123	40.91	ng		96
67) Hexachlorobenzene	11.06	284	26346	39.62	ng		93
68) Atrazine	11.14	200	17085	48.74	ng		98
69) Pentachlorophenol	11.25	266	10960	41.87	ng		99
70) Phenanthrene	11.47	178	125371	41.50	ng		99
71) Anthracene	11.53	178	119179	40.58	ng		98
72) Carbazole	11.68	167	97473	39.73	ng		98
73) Di-n-butylphthalate	12.02	149	114669	45.87	ng		99
74) Fluoranthene	12.68	202	101175	42.70	ng		97
76) Benzidine	12.81	184	35134	40.52	ng		99
77) Pyrene	12.92	202	101793	38.64	ng		99
79) Butylbenzylphthalate	13.61	149	29461	38.59	ng	#	76
80) Benzo(a)anthracene	14.24	228	71249	39.09	ng		99
81) 3,3'-Dichlorobenzidine	14.20	252	19101	40.05	ng	#	94
82) Chrysene	14.27	228	71241	39.18	ng		94
83) Bis(2-ethylhexyl)phthalate	14.25	149	36351	38.86	ng	#	96
84) Di-n-octyl phthalate	15.00	149	41483	36.92	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	29935	39.04	ng		98
87) Benzo(b)fluoranthene	15.46	252	42935	36.96	ng		97
88) Benzo(k)fluoranthene	15.49	252	46181m	43.36	ng		
89) Benzo(a)pyrene	15.84	252	35926	40.47	ng	#	93
90) Dibenzo(a,h)anthracene	17.41	278	24262	39.75	ng		97
91) Benzo(g,h,i)perylene	17.83	276	23151	39.13	ng		98

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

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