Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080543.D
Acq On : 17 Jul 2015 19:57
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

Quant Time: Jul 20 14:11:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42199	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	164672	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	72755	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	137317	20.00	ng	0.00
75) Chrysene-d12	14.41	240	112132	20.00	ng	0.06
86) Perylene-d12	16.12	264	101848	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	216749	80.08	ng	0.00
7) Phenol-d6	6.70	99	258403	83.89	ng	0.00
23) Nitrobenzene-d5	7.63	82	231376	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	55066	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	440764	85.09	ng	0.00
78) Terphenyl-d14	13.22	244	410796	81.81	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.74	88	51214	45.24	ng	97
3) Pyridine	3.69	79	93232	43.61	ng	93
4) n-Nitrosodimethylamine	3.53	42	70094	46.97	ng	95
6) Aniline	6.74	93	165120	40.67	ng	99
8) 2-Chlorophenol	6.85	128	114432	40.52	ng	99
9) Benzaldehyde	6.62	77	78685	45.23	ng	100
10) Phenol	6.72	94	139717	39.22	ng	98
11) bis(2-Chloroethyl)ether	6.80	93	101229	37.60	ng	97
12) 1,3-Dichlorobenzene	7.00	146	133290	41.93	ng	99
13) 1,4-Dichlorobenzene	7.08	146	142868	40.81	ng	99
14) 1,2-Dichlorobenzene	7.24	146	127010	39.45	ng	97
15) Benzyl Alcohol	7.22	79	75921	38.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	171049	37.34	ng	97
17) 2-Methylphenol	7.33	107	83000	38.53	ng	97
18) Hexachloroethane	7.58	117	41839	37.29	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	67580	39.04	ng	97
20) 3+4-Methylphenols	7.48	107	123582	39.74	ng	99
22) Acetophenone	7.47	105	140259	39.68	ng	98
24) Nitrobenzene	7.65	77	110674	37.92	ng	98
25) Isophorone	7.88	82	201865	40.95	ng	100
26) 2-Nitrophenol	7.97	139	58075	40.55	ng	98
27) 2,4-Dimethylphenol	8.01	122	108213	44.12	ng	98
28) bis(2-Chloroethoxy)methane	8.10	93	104640	38.33	ng	99
29) 2,4-Dichlorophenol	8.21	162	88209	42.47	ng	99
30) 1,2,4-Trichlorobenzene	8.29	180	106859	40.25	ng	100
31) Naphthalene	8.37	128	343782	42.18	ng	99
32) Benzoic acid	8.10	122	42052	39.65	ng	98
33) 4-Chloroaniline	8.43	127	145210	44.72	ng	100
34) Hexachlorobutadiene	8.49	225	50897	41.11	ng	100
35) Caprolactam	8.76	113	20215	41.63	ng	98
36) 4-Chloro-3-methylphenol	8.91	107	89657	41.90	ng	98
37) 2-Methylnaphthalene	9.06	142	209004	41.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	97337	42.31	ng	100
40) Hexachlorocyclopentadiene	9.22	237	49148	45.38	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	60779	45.87	ng		97
43) 2,4,5-Trichlorophenol	9.39	196	61334	42.36	ng		97
45) 1,1'-Biphenyl	9.53	154	252723	41.90	ng		99
46) 2-Chloronaphthalene	9.55	162	195373	43.96	ng		99
47) 2-Nitroaniline	9.65	65	43734	40.60	ng		98
48) Acenaphthylene	9.97	152	309839	42.10	ng		99
49) Dimethylphthalate	9.82	163	197925	40.88	ng		100
50) 2,6-Dinitrotoluene	9.89	165	39301	41.75	ng	#	40
51) Acenaphthene	10.14	154	179796	39.97	ng		99
52) 3-Nitroaniline	10.06	138	47644	43.09	ng		94
53) 2,4-Dinitrophenol	10.17	184	17186	40.22	ng		93
54) Dibenzofuran	10.32	168	254674	40.67	ng		98
55) 4-Nitrophenol	10.24	139	33538	40.04	ng		98
56) 2,4-Dinitrotoluene	10.29	165	61931	42.82	ng		96
57) Fluorene	10.66	166	201243	40.56	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.44	232	42314	43.53	ng		94
59) Diethylphthalate	10.52	149	189888	41.55	ng		100
60) 4-Chlorophenyl-phenylether	10.65	204	88560	39.85	ng		93
61) 4-Nitroaniline	10.68	138	50867	43.60	ng		99
62) Azobenzene	10.81	77	184418	40.10	ng	#	74
64) 4,6-Dinitro-2-methylphenol	10.70	198	24047	39.83	ng		98
65) n-Nitrosodiphenylamine	10.76	169	178067	39.36	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	48445	38.48	ng		95
67) Hexachlorobenzene	11.21	284	62374	40.86	ng		94
68) Atrazine	11.29	200	43296	40.44	ng		86
69) Pentachlorophenol	11.41	266	23728	41.59	ng		95
70) Phenanthrene	11.62	178	295286	39.47	ng		99
71) Anthracene	11.68	178	287053	39.50	ng		98
72) Carbazole	11.84	167	250026	38.41	ng		99
73) Di-n-butylphthalate	12.15	149	305023	44.65	ng		99
74) Fluoranthene	12.83	202	272942	39.02	ng		97
76) Benzidine	12.97	184	135764	45.25	ng		100
77) Pyrene	13.08	202	280496	38.76	ng		99
79) Butylbenzylphthalate	13.73	149	100365	42.37	ng	#	85
80) Benzo(a)anthracene	14.40	228	256893	41.16	ng		98
81) 3,3'-Dichlorobenzidine	14.36	252	85100	43.17	ng		99
82) Chrysene	14.44	228	256460	41.01	ng		99
83) Bis(2-ethylhexyl)phthalate	14.37	149	149404	42.45	ng	#	96
84) Di-n-octyl phthalate	15.12	149	215617	41.81	ng		100
85) Indeno(1,2,3-cd)pyrene	17.71	276	241472	37.48	ng		98
87) Benzo(b)fluoranthene	15.65	252	237833	37.67	ng	#	97
88) Benzo(k)fluoranthene	15.68	252	224083m	40.99	ng		
89) Benzo(a)pyrene	16.05	252	223155	41.48	ng		99
90) Dibenzo(a,h)anthracene	17.72	278	204209	38.55	ng		96
91) Benzo(g,h,i)perylene	18.18	276	200062	37.41	ng	#	94

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

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