Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080248.D
Acq On : 30 Jun 2015 20:57
Operator : TP/IZ
Sample : G2831-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)MSD

Manual Integrations APPROVED
apatel
7/1/2015 4:17:01 PM

Quant Time: Jul 01 11:17:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34219	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	144950	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	78315	20.00	ng		-0.05
63) Phenanthrene-d10	11.85	188	160580	20.00	ng		-0.06
75) Chrysene-d12	14.74	240	181033	20.00	ng		-0.25
86) Perylene-d12	16.56	264	172906	20.00	ng		-0.37
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	253347	131.06	ng		-0.03
7) Phenol-d6	6.89	99	320460	124.58	ng		-0.03
23) Nitrobenzene-d5	7.84	82	230565	92.60	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	107530	140.42	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	442867	80.64	ng		-0.05
78) Terphenyl-d14	13.51	244	649475	83.79	ng		-0.16
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	27749	30.20	ng		89
3) Pyridine	3.98	79	91732	37.54	ng	#	84
4) n-Nitrosodimethylamine	3.88	42	44061	37.94	ng		96
6) Aniline	6.94	93	86030	24.31	ng		94
8) 2-Chlorophenol	7.06	128	94328	42.22	ng		83
9) Benzaldehyde	6.84	77	47157	31.75	ng		90
10) Phenol	6.90	94	123115	43.86	ng		79
11) bis(2-Chloroethyl)ether	7.01	93	100273	45.02	ng		87
12) 1,3-Dichlorobenzene	7.22	146	108688m	40.50	ng		
13) 1,4-Dichlorobenzene	7.30	146	114307	44.78	ng		95
14) 1,2-Dichlorobenzene	7.46	146	100901	40.62	ng		98
15) Benzyl Alcohol	7.41	79	87097m	41.41	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162527	49.16	ng		84
17) 2-Methylphenol	7.52	107	81671	42.80	ng	#	88
18) Hexachloroethane	7.81	117	39208	46.13	ng	#	81
19) n-Nitroso-di-n-propylamine	7.68	70	79408	44.46	ng	#	77
20) 3+4-Methylphenols	7.67	107	110154	44.72	ng		88
22) Acetophenone	7.68	105	141287	41.83	ng	#	81
24) Nitrobenzene	7.86	77	109468	42.60	ng	#	78
25) Isophorone	8.09	82	198538	39.62	ng	#	83
26) 2-Nitrophenol	8.18	139	53552	49.78	ng	#	79
27) 2,4-Dimethylphenol	8.21	122	100646	44.87	ng	#	83
28) bis(2-Chloroethoxy)methane	8.30	93	122172	41.50	ng	#	92
29) 2,4-Dichlorophenol	8.42	162	95640	49.79	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	100315	45.99	ng		99
31) Naphthalene	8.60	128	308162m	40.66	ng		
32) Benzoic acid	8.28	122	33178	24.46	ng	#	67
33) 4-Chloroaniline	8.63	127	53809	16.59	ng	#	83
34) Hexachlorobutadiene	8.72	225	53365	39.73	ng		96
35) Caprolactam	8.97	113	22405	35.94	ng	#	76
36) 4-Chloro-3-methylphenol	9.11	107	94793	43.75	ng		90
37) 2-Methylnaphthalene	9.29	142	230380	47.00	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	100689	44.18	ng		98
40) Hexachlorocyclopentadiene	9.45	237	92935	79.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	71282	45.97	ng		97
43) 2,4,5-Trichlorophenol	9.60	196	71883	40.24	ng	#	91
45) 1,1'-Biphenyl	9.75	154	251569	39.48	ng		92
46) 2-Chloronaphthalene	9.78	162	218308	42.23	ng		95
47) 2-Nitroaniline	9.86	65	55576	39.16	ng	#	56
48) Acenaphthylene	10.21	152	367984	42.64	ng		97
49) Dimethylphthalate	10.05	163	260235	44.20	ng	#	97
50) 2,6-Dinitrotoluene	10.10	165	51303	43.46	ng	#	43
51) Acenaphthene	10.38	154	232799	44.10	ng		90
52) 3-Nitroaniline	10.28	138	37843	27.79	ng	#	51
53) 2,4-Dinitrophenol	10.39	184	53806	109.66	ng	#	47
54) Dibenzofuran	10.55	168	319329	42.63	ng	#	91
55) 4-Nitrophenol	10.42	139	77067	70.80	ng	#	28
56) 2,4-Dinitrotoluene	10.52	165	77006	51.41	ng	#	78
57) Fluorene	10.90	166	251121	42.25	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.66	232	60597	40.18	ng		99
59) Diethylphthalate	10.74	149	243835	41.13	ng		95
60) 4-Chlorophenyl-phenylether	10.88	204	126611	44.33	ng		91
61) 4-Nitroaniline	10.89	138	54130	38.49	ng	#	49
62) Azobenzene	11.04	77	254040	42.09	ng		87
64) 4,6-Dinitro-2-methylphenol	10.93	198	33536	43.14	ng		83
65) n-Nitrosodiphenylamine	11.00	169	224102	42.86	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	72741	42.60	ng	#	82
67) Hexachlorobenzene	11.46	284	79640	41.97	ng	#	76
68) Atrazine	11.52	200	77162	46.71	ng		84
69) Pentachlorophenol	11.65	266	87642	81.50	ng		99
70) Phenanthrene	11.88	178	417225	42.92	ng		97
71) Anthracene	11.92	178	401920	42.94	ng		96
72) Carbazole	12.07	167	363694	40.69	ng		96
73) Di-n-butylphthalate	12.40	149	463075	44.85	ng	#	99
74) Fluoranthene	13.11	202	445282	43.01	ng		93
76) Benzidine	13.22	184	186808	36.92	ng	#	98
77) Pyrene	13.36	202	456931	40.99	ng		96
79) Butylbenzylphthalate	14.04	149	204183	45.62	ng		93
80) Benzo(a)anthracene	14.73	228	473104	42.90	ng		97
81) 3,3'-Dichlorobenzidine	14.68	252	72639	19.10	ng	#	92
82) Chrysene	14.77	228	413010	40.61	ng		95
83) Bis(2-ethylhexyl)phthalate	14.70	149	299799	42.38	ng	#	92
84) Di-n-octyl phthalate	15.48	149	504549	41.62	ng		97
85) Indeno(1,2,3-cd)pyrene	18.38	276	472855	36.87	ng	#	89
87) Benzo(b)fluoranthene	16.04	252	419090	40.03	ng	#	86
88) Benzo(k)fluoranthene	16.07	252	442776m	41.53	ng		
89) Benzo(a)pyrene	16.48	252	423583	42.61	ng	#	87
90) Dibenzo(a,h)anthracene	18.39	278	394867	38.80	ng	#	83
91) Benzo(g,h,i)perylene	18.92	276	394393	38.39	ng	#	79

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

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