Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
Data File : BF080420.D
Acq On : 11 Jul 2015 7:26
Operator : TP/UM
Sample : G2950-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Manual Integrations APPROVED
apatel
7/13/2015 3:31:47 PM

Quant Time: Jul 13 01:15:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	22626	20.00	ng		-0.01
21) Naphthalene-d8	8.43	136	93963	20.00	ng		0.00
38) Acenaphthene-d10	10.19	164	46637	20.00	ng		0.00
63) Phenanthrene-d10	11.69	188	85574	20.00	ng		0.00
75) Chrysene-d12	14.63	240	85663	20.00	ng		0.09
86) Perylene-d12	16.45	264	84770	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	169122	128.09	ng		0.00
7) Phenol-d6	6.80	99	235925	134.12	ng		0.00
23) Nitrobenzene-d5	7.71	82	139705	84.80	ng		0.00
41) 2,4,6-Tribromophenol	10.99	330	50971	111.98	ng		0.00
44) 2-Fluorobiphenyl	9.50	172	299610	86.53	ng		0.00
78) Terphenyl-d14	13.36	244	302468	76.68	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	20324	31.97	ng	#	89
3) Pyridine	3.93	79	48055	34.05	ng		96
4) n-Nitrosodimethylamine	3.72	42	33864	43.75	ng		84
6) Aniline	6.82	93	42278	19.27	ng		89
8) 2-Chlorophenol	6.94	128	64490	40.54	ng		95
9) Benzaldehyde	6.70	77	28181	28.96	ng		95
10) Phenol	6.81	94	90826	46.72	ng		87
11) bis(2-Chloroethyl)ether	6.88	93	65047	40.65	ng		94
12) 1,3-Dichlorobenzene	7.08	146	72569	40.34	ng		95
13) 1,4-Dichlorobenzene	7.16	146	77771	38.34	ng		97
14) 1,2-Dichlorobenzene	7.32	146	68974	35.89	ng		97
15) Benzyl Alcohol	7.30	79	58412	40.34	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.41	45	100836	43.69	ng	#	61
17) 2-Methylphenol	7.41	107	49219	35.60	ng		95
18) Hexachloroethane	7.66	117	23164	37.01	ng	#	88
19) n-Nitroso-di-n-propylamine	7.55	70	55225	45.87	ng	#	88
20) 3+4-Methylphenols	7.56	107	72886	41.95	ng	#	51
22) Acetophenone	7.56	105	90387	40.14	ng	#	97
24) Nitrobenzene	7.73	77	70924	38.91	ng		93
25) Isophorone	7.97	82	122318	41.43	ng	#	88
26) 2-Nitrophenol	8.05	139	32086	36.67	ng		92
27) 2,4-Dimethylphenol	8.09	122	63801	46.33	ng		94
28) bis(2-Chloroethoxy)methane	8.17	93	76265	42.69	ng	#	97
29) 2,4-Dichlorophenol	8.29	162	58284	45.84	ng		91
30) 1,2,4-Trichlorobenzene	8.37	180	60807	36.16	ng		98
31) Naphthalene	8.45	128	202912	39.49	ng		99
32) Benzoic acid	8.18	122	11207	11.58	ng		88
33) 4-Chloroaniline	8.51	127	25872	14.85	ng		96
34) Hexachlorobutadiene	8.57	225	38580	39.52	ng		98
35) Caprolactam	8.89	113	13038	35.85	ng	#	70
36) 4-Chloro-3-methylphenol	8.99	107	59207	43.97	ng	#	81
37) 2-Methylnaphthalene	9.14	142	126561	37.32	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	65507	41.98	ng		98
40) Hexachlorocyclopentadiene	9.30	237	74634	91.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	39541	44.00	ng		93
43) 2,4,5-Trichlorophenol	9.47	196	42414	43.98	ng	#	89
45) 1,1'-Biphenyl	9.61	154	168430	41.43	ng		99
46) 2-Chloronaphthalene	9.63	162	117543	39.17	ng	#	89
47) 2-Nitroaniline	9.74	65	32642	35.61	ng	#	77
48) Acenaphthylene	10.05	152	213999	41.70	ng		99
49) Dimethylphthalate	9.90	163	227907	64.65	ng	#	97
50) 2,6-Dinitrotoluene	9.97	165	30574	38.64	ng	#	77
51) Acenaphthene	10.22	154	134341	41.18	ng		99
52) 3-Nitroaniline	10.16	138	17507	22.66	ng		85
53) 2,4-Dinitrophenol	10.25	184	19626	55.92	ng	#	64
54) Dibenzofuran	10.40	168	185299	42.89	ng		96
55) 4-Nitrophenol	10.33	139	45882	73.76	ng	#	77
56) 2,4-Dinitrotoluene	10.37	165	41242	44.58	ng	#	80
57) Fluorene	10.74	166	144570	39.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.52	232	35775m	42.28	ng		
59) Diethylphthalate	10.60	149	148574	43.05	ng		96
60) 4-Chlorophenyl-phenylether	10.73	204	72236	41.20	ng		91
61) 4-Nitroaniline	10.77	138	26253	34.26	ng		84
62) Azobenzene	10.89	77	146276	39.26	ng		94
64) 4,6-Dinitro-2-methylphenol	10.78	198	20053	42.28	ng	#	70
65) n-Nitrosodiphenylamine	10.84	169	113810	42.67	ng		99
66) 4-Bromophenyl-phenylether	11.22	248	41706	45.73	ng	#	87
67) Hexachlorobenzene	11.29	284	37809	41.29	ng	#	55
68) Atrazine	11.37	200	34835	42.00	ng		95
69) Pentachlorophenol	11.49	266	49401	94.46	ng		99
70) Phenanthrene	11.71	178	212630	41.36	ng		99
71) Anthracene	11.77	178	206608	43.40	ng		99
72) Carbazole	11.93	167	184958	42.10	ng		99
73) Di-n-butylphthalate	12.24	149	212745	45.79	ng	#	99
74) Fluoranthene	12.96	202	223083	41.84	ng		98
76) Benzidine	13.09	184	55436	33.12	ng		99
77) Pyrene	13.21	202	220889	40.25	ng		99
79) Butylbenzylphthalate	13.91	149	93428	44.91	ng		93
80) Benzo(a)anthracene	14.61	228	216075	40.03	ng		100
81) 3,3'-Dichlorobenzidine	14.57	252	48469	30.03	ng	#	98
82) Chrysene	14.66	228	205315	41.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.58	149	141256	43.26	ng	#	91
84) Di-n-octyl phthalate	15.39	149	254261	44.21	ng		100
85) Indeno(1,2,3-cd)pyrene	18.12	276	246467	39.91	ng		99
87) Benzo(b)fluoranthene	15.96	252	220073m	37.37	ng		
88) Benzo(k)fluoranthene	15.99	252	211053	43.83	ng		97
89) Benzo(a)pyrene	16.37	252	216264	41.91	ng	#	96
90) Dibenzo(a,h)anthracene	18.13	278	202438	39.61	ng	#	96
91) Benzo(g,h,i)perylene	18.63	276	207809	40.93	ng		99

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

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