Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081151.D
Acq On : 21 Aug 2015 18:11
Operator : UM/IZ
Sample : G3312-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Manual Integrations APPROVED
MMDadoda
8/24/2015 11:23:47 AM

Quant Time: Aug 21 23:55:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60190	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	237884	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	118267	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	219767	20.00	ng		0.00
75) Chrysene-d12	13.67	240	151608	20.00	ng		0.00
86) Perylene-d12	15.00	264	124039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	532962	133.18	ng		0.02
7) Phenol-d6	6.22	99	728705	139.56	ng		0.01
23) Nitrobenzene-d5	7.13	82	469906	90.24	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	155071	151.26	ng		0.01
44) 2-Fluorobiphenyl	8.93	172	800197	88.65	ng		0.00
78) Terphenyl-d14	12.64	244	700441	99.05	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	68226	36.18	ng		100
3) Pyridine	2.62	79	207538	38.99	ng		84
4) n-Nitrosodimethylamine	2.58	42	135828	45.84	ng	#	82
6) Aniline	6.22	93	240768	31.71	ng	#	52
8) 2-Chlorophenol	6.34	128	214969	49.08	ng		97
9) Benzaldehyde	6.09	77	98003	29.12	ng		98
10) Phenol	6.23	94	280811	45.54	ng		89
11) bis(2-Chloroethyl)ether	6.31	93	241280	50.99	ng		94
12) 1,3-Dichlorobenzene	6.49	146	196926m	41.84	ng		
13) 1,4-Dichlorobenzene	6.57	146	197486	42.38	ng		93
14) 1,2-Dichlorobenzene	6.73	146	209925	48.13	ng		92
15) Benzyl Alcohol	6.72	79	220518	52.20	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	448763	48.27	ng		98
17) 2-Methylphenol	6.84	107	171043	45.51	ng		97
18) Hexachloroethane	7.06	117	80038	42.50	ng	#	88
19) n-Nitroso-di-n-propylamine	7.00	70	166755	46.11	ng		91
20) 3+4-Methylphenols	7.00	107	219704	46.06	ng	#	48
22) Acetophenone	6.98	105	322519	51.64	ng	#	88
24) Nitrobenzene	7.16	77	288512	52.99	ng		94
25) Isophorone	7.40	82	459211	47.29	ng		98
26) 2-Nitrophenol	7.46	139	103893	45.88	ng	#	87
27) 2,4-Dimethylphenol	7.52	122	173586	43.33	ng		93
28) bis(2-Chloroethoxy)methane	7.61	93	263710	45.97	ng		100
29) 2,4-Dichlorophenol	7.72	162	181708	53.88	ng		94
30) 1,2,4-Trichlorobenzene	7.80	180	185479	49.48	ng		99
31) Naphthalene	7.86	128	578840	43.65	ng		98
32) Benzoic acid	7.61	122	19283	8.56	ng		91
33) 4-Chloroaniline	7.92	127	179100	32.01	ng		96
34) Hexachlorobutadiene	7.99	225	98717	46.57	ng		98
35) Caprolactam	8.31	113	67779m	57.50	ng		
36) 4-Chloro-3-methylphenol	8.42	107	231747	57.66	ng		96
37) 2-Methylnaphthalene	8.56	142	415110	49.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	158806	41.62	ng	#	97
40) Hexachlorocyclopentadiene	8.71	237	77539	39.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	117279	43.51	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	120612	44.77	ng	#	89
45) 1,1'-Biphenyl	9.02	154	439526	42.19	ng		96
46) 2-Chloronaphthalene	9.04	162	367094	43.86	ng		95
47) 2-Nitroaniline	9.14	65	176320	51.48	ng		95
48) Acenaphthylene	9.45	152	640567	42.79	ng		99
49) Dimethylphthalate	9.34	163	553790	56.86	ng		100
50) 2,6-Dinitrotoluene	9.40	165	104423	49.93	ng	#	81
51) Acenaphthene	9.62	154	378219	42.20	ng		99
52) 3-Nitroaniline	9.56	138	95337	36.43	ng		87
53) 2,4-Dinitrophenol	9.66	184	32368	33.05	ng	#	74
54) Dibenzofuran	9.80	168	558208	46.48	ng		97
55) 4-Nitrophenol	9.74	139	183670	99.93	ng	#	77
56) 2,4-Dinitrotoluene	9.80	165	132012	47.63	ng		97
57) Fluorene	10.13	166	411946	44.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	98277	47.13	ng		97
59) Diethylphthalate	10.02	149	469753	45.57	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	172221	44.05	ng		93
61) 4-Nitroaniline	10.16	138	108756	40.66	ng		93
62) Azobenzene	10.29	77	522550	43.99	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	35215	26.83	ng	#	61
65) n-Nitrosodiphenylamine	10.25	169	350311	44.65	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	113338	52.50	ng	#	92
67) Hexachlorobenzene	10.68	284	110610	50.59	ng	#	93
68) Atrazine	10.79	200	123329	56.43	ng		99
69) Pentachlorophenol	10.87	266	114682	87.42	ng		98
70) Phenanthrene	11.09	178	629515	48.33	ng		100
71) Anthracene	11.13	178	572864	45.20	ng		100
72) Carbazole	11.29	167	574520	47.08	ng		99
73) Di-n-butylphthalate	11.64	149	682586	46.23	ng		98
74) Fluoranthene	12.25	202	619585	44.08	ng		92
76) Benzidine	12.39	184	211801	36.98	ng		99
77) Pyrene	12.48	202	671531	54.49	ng		99
79) Butylbenzylphthalate	13.12	149	317769	59.98	ng		97
80) Benzo(a)anthracene	13.66	228	487110	47.91	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	168736	51.24	ng	#	97
82) Chrysene	13.69	228	427616	46.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	417729	61.56	ng	#	98
84) Di-n-octyl phthalate	14.29	149	641877	62.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	360290	56.00	ng	#	94
87) Benzo(b)fluoranthene	14.65	252	428699m	48.86	ng		
88) Benzo(k)fluoranthene	14.68	252	309836m	37.90	ng		
89) Benzo(a)pyrene	14.95	252	350154	45.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.21	278	297054	49.87	ng	#	97
91) Benzo(g,h,i)perylene	16.55	276	292563	48.41	ng	#	96

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

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