Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076963.D
Acq On : 20 Jan 2015 15:37
Operator : IZ / TP
Sample : PB81407BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81407BS

Manual Integrations APPROVED
tejaskumar
1/21/2015 5:29:44 PM

Quant Time: Jan 21 00:36:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 00:26:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	31400	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	125524	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	68854	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	113988	20.00	ng		0.00
75) Chrysene-d12	21.24	240	112557	20.00	ng		0.00
86) Perylene-d12	22.87	264	99053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	225312	117.98	ng		0.00
7) Phenol-d6	7.32	99	276805	114.89	ng		0.00
23) Nitrobenzene-d5	9.21	82	170952	75.45	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	69651	124.62	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	355170	78.50	ng		0.00
78) Terphenyl-d14	19.97	244	393583	80.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.26	88	28544	34.91	ng	#	78
3) Pyridine	1.74	79	67443	31.87	ng		98
4) n-Nitrosodimethylamine	1.69	42	36472	34.79	ng		99
6) Aniline	7.20	93	66407	19.92	ng		95
8) 2-Chlorophenol	7.44	128	80429	36.53	ng		93
9) Benzaldehyde	6.92	77	21058	13.33	ng		91
10) Phenol	7.34	94	98644	38.56	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	78827	39.38	ng	#	79
12) 1,3-Dichlorobenzene	7.76	146	92316	36.85	ng		96
13) 1,4-Dichlorobenzene	7.94	146	93439	35.18	ng		96
14) 1,2-Dichlorobenzene	8.26	146	88076	35.99	ng		99
15) Benzyl Alcohol	8.34	79	72054	36.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	100604	37.39	ng		97
17) 2-Methylphenol	8.70	107	65940	36.65	ng		93
18) Hexachloroethane	9.01	117	34650	37.50	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	59905	35.52	ng		96
20) 3+4-Methylphenols	9.08	107	86082	36.13	ng		97
22) Acetophenone	8.90	105	121983	39.68	ng		98
24) Nitrobenzene	9.25	77	91934	39.83	ng		96
25) Isophorone	9.85	82	160166	38.82	ng		95
26) 2-Nitrophenol	9.99	139	43406	37.14	ng	#	87
27) 2,4-Dimethylphenol	10.28	122	73484	41.17	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	97364	41.51	ng		99
29) 2,4-Dichlorophenol	10.60	162	70813	42.57	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	74547	40.35	ng		98
31) Naphthalene	10.87	128	246026	38.07	ng		98
32) Benzoic acid	10.62	122	43283m	43.77	ng		
33) 4-Chloroaniline	11.11	127	57747	22.11	ng		98
34) Hexachlorobutadiene	11.24	225	40977	37.38	ng		95
35) Caprolactam	11.94	113	16592	33.88	ng	#	73
36) 4-Chloro-3-methylphenol	12.41	107	78207	41.06	ng		98
37) 2-Methylnaphthalene	12.53	142	173003	39.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	66449	39.03	ng		98
40) Hexachlorocyclopentadiene	12.92	237	73343	80.03	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	48555	39.15	ng		89
43) 2,4,5-Trichlorophenol	13.36	196	52048	41.14	ng		97
45) 1,1'-Biphenyl	13.67	154	202817	39.73	ng		98
46) 2-Chloronaphthalene	13.65	162	166241	39.58	ng		96
47) 2-Nitroaniline	13.99	65	53646	42.10	ng		96
48) Acenaphthylene	14.61	152	267549	37.76	ng		100
49) Dimethylphthalate	14.55	163	200381	41.04	ng		99
50) 2,6-Dinitrotoluene	14.64	165	40709	41.73	ng	#	91
51) Acenaphthene	15.03	154	149550	37.20	ng		94
52) 3-Nitroaniline	14.99	138	34508	27.88	ng		94
53) 2,4-Dinitrophenol	15.27	184	33410	74.01	ng		96
54) Dibenzofuran	15.45	168	237362	40.53	ng		100
55) 4-Nitrophenol	15.58	139	65710	85.85	ng		92
56) 2,4-Dinitrotoluene	15.58	165	57805	39.90	ng	#	88
57) Fluorene	16.17	166	190868	38.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.79	232	40747	44.24	ng	#	96
59) Diethylphthalate	16.17	149	206918	41.93	ng		98
60) 4-Chlorophenyl-phenylether	16.27	204	81488	40.14	ng		95
61) 4-Nitroaniline	16.31	138	42061	34.61	ng		96
62) Azobenzene	16.55	77	204807	39.83	ng		97
64) 4,6-Dinitro-2-methylphenol	16.39	198	26704	37.25	ng		99
65) n-Nitrosodiphenylamine	16.51	169	164084	40.37	ng		98
66) 4-Bromophenyl-phenylether	17.11	248	46908	40.62	ng		88
67) Hexachlorobenzene	17.12	284	50887	41.81	ng		93
68) Atrazine	17.48	200	60993	49.45	ng		94
69) Pentachlorophenol	17.49	266	48212	85.82	ng		96
70) Phenanthrene	17.77	178	279350	39.30	ng		99
71) Anthracene	17.84	178	284740	41.08	ng		100
72) Carbazole	18.13	167	269429	40.07	ng		99
73) Di-n-butylphthalate	18.72	149	351347	45.15	ng		99
74) Fluoranthene	19.41	202	294615	40.45	ng		98
76) Benzidine	19.65	184	124366	34.53	ng		99
77) Pyrene	19.69	202	308664	40.01	ng		99
79) Butylbenzylphthalate	20.63	149	154835	44.32	ng		97
80) Benzo(a)anthracene	21.23	228	273190	38.69	ng		100
81) 3,3'-Dichlorobenzidine	21.24	252	61923	27.59	ng	#	96
82) Chrysene	21.26	228	260682	40.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	213319	44.13	ng	#	97
84) Di-n-octyl phthalate	22.13	149	390115	46.50	ng		98
85) Indeno(1,2,3-cd)pyrene	23.97	276	237409	34.78	ng	#	83
87) Benzo(b)fluoranthene	22.47	252	270139	40.49	ng	#	94
88) Benzo(k)fluoranthene	22.49	252	215366m	36.95	ng		
89) Benzo(a)pyrene	22.81	252	233913	39.75	ng		100
90) Dibenzo(a,h)anthracene	24.00	278	192112	35.58	ng		98
91) Benzo(g,h,i)perylene	24.27	276	199569	37.18	ng		95

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

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