Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080163.D
Acq On : 25 Jun 2015 13:51
Operator : TP/IZ
Sample : PB84184BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84184BS

Manual Integrations APPROVED
apatel
6/26/2015 2:05:04 PM

Quant Time: Jun 26 01:37:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32081	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	126447	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	64916	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	138800	20.00	ng		0.00
75) Chrysene-d12	14.85	240	143305	20.00	ng		0.02
86) Perylene-d12	16.73	264	141285	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	269347	148.62	ng		0.01
7) Phenol-d6	6.90	99	366522	151.98	ng		0.00
23) Nitrobenzene-d5	7.85	82	220239	101.40	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	93635	147.51	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	390190	85.72	ng		-0.01
78) Terphenyl-d14	13.57	244	537186	87.55	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	30793	35.75	ng		87
3) Pyridine	3.98	79	99179	43.29	ng	#	82
4) n-Nitrosodimethylamine	3.89	42	43886	40.31	ng		96
6) Aniline	6.95	93	98021	29.54	ng		95
8) 2-Chlorophenol	7.08	128	97951	46.76	ng		84
9) Benzaldehyde	6.84	77	51974	37.33	ng	#	69
10) Phenol	6.92	94	132193	50.23	ng		84
11) bis(2-Chloroethyl)ether	7.02	93	90524	43.35	ng		86
12) 1,3-Dichlorobenzene	7.24	146	107049m	42.54	ng		
13) 1,4-Dichlorobenzene	7.32	146	117082m	48.93	ng		
14) 1,2-Dichlorobenzene	7.48	146	101822	43.73	ng		97
15) Benzyl Alcohol	7.42	79	86051	43.64	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	154689	49.91	ng		86
17) 2-Methylphenol	7.53	107	77692	43.42	ng	#	89
18) Hexachloroethane	7.82	117	37885	47.55	ng	#	85
19) n-Nitroso-di-n-propylamine	7.69	70	73543	43.92	ng	#	76
20) 3+4-Methylphenols	7.68	107	108737	47.09	ng		91
22) Acetophenone	7.69	105	132925	45.11	ng	#	81
24) Nitrobenzene	7.88	77	104049	46.41	ng	#	77
25) Isophorone	8.10	82	180127	41.21	ng	#	82
26) 2-Nitrophenol	8.20	139	52043	55.46	ng	#	75
27) 2,4-Dimethylphenol	8.22	122	96836	49.49	ng	#	83
28) bis(2-Chloroethoxy)methane	8.31	93	110865	43.17	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	89941	53.67	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	94356	49.58	ng		98
31) Naphthalene	8.61	128	276157m	41.77	ng		
32) Benzoic acid	8.28	122	39382	33.29	ng	#	67
33) 4-Chloroaniline	8.64	127	52215m	18.45	ng		
34) Hexachlorobutadiene	8.73	225	52748	45.02	ng		97
35) Caprolactam	8.98	113	25883	47.59	ng		96
36) 4-Chloro-3-methylphenol	9.12	107	82504	43.65	ng		96
37) 2-Methylnaphthalene	9.30	142	206396	48.26	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	93894	49.70	ng		98
40) Hexachlorocyclopentadiene	9.46	237	93172	94.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	66767	51.94	ng		100
43) 2,4,5-Trichlorophenol	9.61	196	63252	42.71	ng	#	90
45) 1,1'-Biphenyl	9.77	154	226094	42.81	ng		95
46) 2-Chloronaphthalene	9.80	162	186949	43.62	ng		93
47) 2-Nitroaniline	9.88	65	52851	44.93	ng	#	59
48) Acenaphthylene	10.22	152	323274	45.20	ng		97
49) Dimethylphthalate	10.06	163	212922	43.63	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	45004	46.00	ng	#	46
51) Acenaphthene	10.39	154	204462	46.73	ng		91
52) 3-Nitroaniline	10.29	138	31236	27.67	ng	#	51
53) 2,4-Dinitrophenol	10.40	184	48573	118.91	ng	#	35
54) Dibenzofuran	10.56	168	269591	43.42	ng	#	88
55) 4-Nitrophenol	10.44	139	85307	94.54	ng	#	47
56) 2,4-Dinitrotoluene	10.53	165	68212	54.94	ng	#	84
57) Fluorene	10.92	166	219945	44.64	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53753	43.00	ng		98
59) Diethylphthalate	10.76	149	206219	41.96	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	105256	44.46	ng	#	88
61) 4-Nitroaniline	10.90	138	50521	43.33	ng	#	48
62) Azobenzene	11.05	77	212709	42.52	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	30431	44.70	ng		85
65) n-Nitrosodiphenylamine	11.01	169	187928	41.58	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	64013	43.37	ng	#	86
67) Hexachlorobenzene	11.48	284	70543	43.01	ng	#	80
68) Atrazine	11.53	200	65696	46.01	ng		81
69) Pentachlorophenol	11.66	266	74798	80.47	ng		99
70) Phenanthrene	11.89	178	338480	40.28	ng		97
71) Anthracene	11.94	178	356670	44.08	ng		97
72) Carbazole	12.09	167	315604	40.85	ng		96
73) Di-n-butylphthalate	12.42	149	374011	41.91	ng	#	99
74) Fluoranthene	13.16	202	371484	41.51	ng		91
76) Benzidine	13.27	184	215486	53.79	ng		98
77) Pyrene	13.42	202	388055	43.98	ng		97
79) Butylbenzylphthalate	14.12	149	165731	46.77	ng		93
80) Benzo(a)anthracene	14.84	228	373359	42.77	ng		97
81) 3,3'-Dichlorobenzidine	14.78	252	71350	23.70	ng	#	94
82) Chrysene	14.88	228	347644	43.18	ng		94
83) Bis(2-ethylhexyl)phthalate	14.81	149	235449	42.05	ng	#	91
84) Di-n-octyl phthalate	15.64	149	409551	42.68	ng		95
85) Indeno(1,2,3-cd)pyrene	18.57	276	411377	40.52	ng	#	89
87) Benzo(b)fluoranthene	16.20	252	377611	44.14	ng	#	88
88) Benzo(k)fluoranthene	16.24	252	353866	40.62	ng	#	86
89) Benzo(a)pyrene	16.65	252	362189	44.58	ng	#	88
90) Dibenzo(a,h)anthracene	18.60	278	342657	41.21	ng	#	82
91) Benzo(g,h,i)perylene	19.13	276	345515	41.15	ng	#	76

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

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