Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077163.D
Acq On : 3 Feb 2015 16:00
Operator : TP/IZ
Sample : PB81581BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81581BS

Manual Integrations APPROVED
apatel
2/4/2015 1:54:24 PM

Quant Time: Feb 04 01:08:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:59:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25020	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	109768	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	52202	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	100112	20.00	ng		0.00
75) Chrysene-d12	21.09	240	95726	20.00	ng		0.00
86) Perylene-d12	22.88	264	86602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	183701	120.72	ng		0.00
7) Phenol-d6	7.08	99	234728	122.27	ng		0.00
23) Nitrobenzene-d5	8.99	82	145181	73.27	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	54708	129.11	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	304984	88.91	ng		0.00
78) Terphenyl-d14	19.81	244	342373	82.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	19831	30.43	ng		97
3) Pyridine	1.56	79	53112	31.50	ng		90
4) n-Nitrosodimethylamine	1.52	42	32952	39.45	ng		89
6) Aniline	6.97	93	46022	17.32	ng		98
8) 2-Chlorophenol	7.21	128	65833	37.53	ng		97
9) Benzaldehyde	6.72	77	5168	3.56	ng		91
10) Phenol	7.12	94	73144	35.88	ng		96
11) bis(2-Chloroethyl)ether	7.23	93	61449	38.53	ng	#	73
12) 1,3-Dichlorobenzene	7.53	146	72254	36.20	ng		97
13) 1,4-Dichlorobenzene	7.72	146	71952	34.00	ng		98
14) 1,2-Dichlorobenzene	8.03	146	71005	36.41	ng		98
15) Benzyl Alcohol	8.13	79	57624	37.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	79383	37.02	ng		96
17) 2-Methylphenol	8.48	107	50419	35.17	ng		94
18) Hexachloroethane	8.77	117	26711	36.28	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	47955	35.69	ng		98
20) 3+4-Methylphenols	8.86	107	59603	31.40	ng		97
22) Acetophenone	8.68	105	98144	36.50	ng		99
24) Nitrobenzene	9.02	77	68266	33.82	ng		94
25) Isophorone	9.63	82	124493	34.50	ng		98
26) 2-Nitrophenol	9.77	139	30082	29.80	ng	#	78
27) 2,4-Dimethylphenol	10.05	122	56718	36.34	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	77314	37.70	ng		99
29) 2,4-Dichlorophenol	10.39	162	47672	32.77	ng		93
30) 1,2,4-Trichlorobenzene	10.50	180	56444	34.93	ng		94
31) Naphthalene	10.64	128	194701	34.45	ng		98
32) Benzoic acid	10.45	122	11926	13.79	ng		97
33) 4-Chloroaniline	10.90	127	42402	18.57	ng		99
34) Hexachlorobutadiene	11.00	225	33603	35.05	ng		99
35) Caprolactam	11.73	113	12997	30.35	ng	#	83
36) 4-Chloro-3-methylphenol	12.20	107	55613	33.39	ng		99
37) 2-Methylnaphthalene	12.29	142	139748	36.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	56272	43.60	ng		93
40) Hexachlorocyclopentadiene	12.68	237	56915	81.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	34098	36.26	ng		97
43) 2,4,5-Trichlorophenol	13.14	196	29154	30.40	ng	#	92
45) 1,1'-Biphenyl	13.45	154	161841	41.82	ng		98
46) 2-Chloronaphthalene	13.41	162	130448	40.96	ng		97
47) 2-Nitroaniline	13.77	65	37508	38.82	ng		94
48) Acenaphthylene	14.36	152	210427	39.17	ng		98
49) Dimethylphthalate	14.33	163	159941	43.20	ng		98
50) 2,6-Dinitrotoluene	14.42	165	30973	41.88	ng	#	84
51) Acenaphthene	14.79	154	117935	38.70	ng		96
52) 3-Nitroaniline	14.77	138	24568	26.29	ng		100
53) 2,4-Dinitrophenol	15.06	184	17476	54.70	ng	#	90
54) Dibenzofuran	15.22	168	183546	41.34	ng		98
55) 4-Nitrophenol	15.38	139	29600	51.01	ng		89
56) 2,4-Dinitrotoluene	15.36	165	45518	41.36	ng	#	95
57) Fluorene	15.97	166	149469	39.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	23266	33.32	ng		94
59) Diethylphthalate	15.99	149	166215	44.42	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	64966	42.21	ng		97
61) 4-Nitroaniline	16.13	138	32718	35.48	ng		96
62) Azobenzene	16.36	77	168838	43.31	ng		97
64) 4,6-Dinitro-2-methylphenol	16.20	198	18494	30.07	ng	#	69
65) n-Nitrosodiphenylamine	16.32	169	128025	35.86	ng		97
66) 4-Bromophenyl-phenylether	16.93	248	38228	37.69	ng		97
67) Hexachlorobenzene	16.95	284	39057	36.54	ng	#	86
68) Atrazine	17.32	200	45001	41.54	ng		97
69) Pentachlorophenol	17.32	266	21870	47.67	ng		98
70) Phenanthrene	17.60	178	225990	36.20	ng		98
71) Anthracene	17.68	178	224916	36.94	ng		99
72) Carbazole	17.97	167	215025	36.41	ng		99
73) Di-n-butylphthalate	18.57	149	274642	40.18	ng		98
74) Fluoranthene	19.25	202	241460	37.74	ng		99
76) Benzidine	19.51	184	95045	31.03	ng		99
77) Pyrene	19.54	202	255222	38.90	ng		99
79) Butylbenzylphthalate	20.48	149	120551	40.57	ng		87
80) Benzo(a)anthracene	21.08	228	223357	37.19	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	48737	25.54	ng		96
82) Chrysene	21.13	228	212059	38.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	176076	42.83	ng	#	97
84) Di-n-octyl phthalate	22.07	149	311070	43.60	ng		100
85) Indeno(1,2,3-cd)pyrene	24.13	276	210031	36.18	ng	#	83
87) Benzo(b)fluoranthene	22.42	252	203407m	34.87	ng		
88) Benzo(k)fluoranthene	22.45	252	207981m	40.81	ng		
89) Benzo(a)pyrene	22.81	252	197793	38.44	ng	#	98
90) Dibenzo(a,h)anthracene	24.17	278	179355	37.99	ng		97
91) Benzo(g,h,i)perylene	24.43	276	176605	37.63	ng		98

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

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