Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076869.D
Acq On : 14 Jan 2015 20:35
Operator : IZ / TP
Sample : PB81326BS
Misc : W
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81326BS

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:28:20 PM

Quant Time: Jan 15 00:27:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32094	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	134840	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	75418	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	125126	20.00	ng		0.00
75) Chrysene-d12	21.31	240	120413	20.00	ng		0.00
86) Perylene-d12	22.97	264	107837	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	244480	125.25	ng		0.01
7) Phenol-d6	7.42	99	304073	123.48	ng		0.00
23) Nitrobenzene-d5	9.32	82	182317	74.91	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	78925	128.92	ng		0.00
44) 2-Fluorobiphenyl	13.59	172	389909	78.68	ng		0.00
78) Terphenyl-d14	20.04	244	402303	76.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.34	88	22096	26.44	ng		98
3) Pyridine	1.83	79	67229	31.08	ng		92
4) n-Nitrosodimethylamine	1.78	42	33086	30.88	ng		97
6) Aniline	7.30	93	67235	19.73	ng		99
8) 2-Chlorophenol	7.56	128	79091	35.15	ng		94
9) Benzaldehyde	7.03	77	29599	18.99	ng		93
10) Phenol	7.44	94	98105	37.52	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	75548	36.93	ng		99
12) 1,3-Dichlorobenzene	7.86	146	87385	34.13	ng		96
13) 1,4-Dichlorobenzene	8.06	146	88859	32.73	ng		97
14) 1,2-Dichlorobenzene	8.38	146	87172	34.85	ng		99
15) Benzyl Alcohol	8.45	79	72934	36.60	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	95985	34.90	ng		88
17) 2-Methylphenol	8.79	107	65066	35.38	ng		92
18) Hexachloroethane	9.12	117	33575	35.56	ng		94
19) n-Nitroso-di-n-propylamine	9.08	70	61080	35.44	ng		94
20) 3+4-Methylphenols	9.18	107	84636	34.76	ng		93
22) Acetophenone	9.01	105	122885	37.21	ng		94
24) Nitrobenzene	9.36	77	89860	36.24	ng		97
25) Isophorone	9.96	82	160411	36.19	ng		96
26) 2-Nitrophenol	10.09	139	43147	33.81	ng	#	85
27) 2,4-Dimethylphenol	10.37	122	74111	38.65	ng		97
28) bis(2-Chloroethoxy)methane	10.57	93	96276	38.21	ng		98
29) 2,4-Dichlorophenol	10.70	162	71320	39.91	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	72284	36.42	ng		98
31) Naphthalene	10.97	128	242045	34.87	ng		99
32) Benzoic acid	10.71	122	38333m	36.09	ng		
33) 4-Chloroaniline	11.21	127	50828	18.12	ng		98
34) Hexachlorobutadiene	11.34	225	41626	35.35	ng		98
35) Caprolactam	12.05	113	19452	36.97	ng	#	89
36) 4-Chloro-3-methylphenol	12.52	107	76575	37.43	ng		95
37) 2-Methylnaphthalene	12.63	142	169440	35.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66827	35.84	ng		97
40) Hexachlorocyclopentadiene	13.03	237	72209	73.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	47693	35.10	ng		96
43) 2,4,5-Trichlorophenol	13.47	196	49286	35.57	ng	#	90
45) 1,1'-Biphenyl	13.79	154	205052	36.68	ng		98
46) 2-Chloronaphthalene	13.77	162	164169	35.68	ng		98
47) 2-Nitroaniline	14.11	65	53636	38.43	ng		94
48) Acenaphthylene	14.72	152	264776	34.12	ng		99
49) Dimethylphthalate	14.65	163	196042	36.65	ng		99
50) 2,6-Dinitrotoluene	14.76	165	40572	37.97	ng		99
51) Acenaphthene	15.15	154	149476	33.95	ng		92
52) 3-Nitroaniline	15.10	138	29894	21.31	ng		89
53) 2,4-Dinitrophenol	15.39	184	33279	71.67	ng		93
54) Dibenzofuran	15.57	168	229182	35.73	ng		99
55) 4-Nitrophenol	15.68	139	60691	72.39	ng		93
56) 2,4-Dinitrotoluene	15.68	165	58685	36.41	ng	#	88
57) Fluorene	16.28	166	194416	35.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	36796	36.47	ng	#	95
59) Diethylphthalate	16.27	149	210547	38.95	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	84240	37.89	ng		94
61) 4-Nitroaniline	16.40	138	42471	31.40	ng		96
62) Azobenzene	16.64	77	208150	36.96	ng		97
64) 4,6-Dinitro-2-methylphenol	16.47	198	26515	32.65	ng	#	64
65) n-Nitrosodiphenylamine	16.60	169	164677	36.91	ng		98
66) 4-Bromophenyl-phenylether	17.19	248	49904	39.37	ng		94
67) Hexachlorobenzene	17.21	284	51472	38.53	ng		95
68) Atrazine	17.56	200	61320	45.29	ng		97
69) Pentachlorophenol	17.57	266	43319	73.69	ng		96
70) Phenanthrene	17.85	178	284080	36.41	ng		99
71) Anthracene	17.92	178	287358	37.76	ng		100
72) Carbazole	18.21	167	265030	35.91	ng		100
73) Di-n-butylphthalate	18.79	149	341442	39.97	ng		99
74) Fluoranthene	19.49	202	290835	36.37	ng		98
76) Benzidine	19.72	184	138297	35.89	ng		100
77) Pyrene	19.77	202	310410	37.61	ng		99
79) Butylbenzylphthalate	20.70	149	151859	40.63	ng		99
80) Benzo(a)anthracene	21.29	228	277398	36.72	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	45555	18.97	ng		98
82) Chrysene	21.34	228	259890	37.72	ng		100
83) Bis(2-ethylhexyl)phthalate	21.43	149	214219	41.43	ng	#	97
84) Di-n-octyl phthalate	22.21	149	383382	42.72	ng		100
85) Indeno(1,2,3-cd)pyrene	24.11	276	273596m	37.47	ng		
87) Benzo(b)fluoranthene	22.55	252	300809	41.42	ng		98
88) Benzo(k)fluoranthene	22.59	252	199431m	31.43	ng		
89) Benzo(a)pyrene	22.91	252	238509	37.23	ng	#	96
90) Dibenzo(a,h)anthracene	24.13	278	214557	36.50	ng	#	96
91) Benzo(g,h,i)perylene	24.40	276	217503	37.22	ng	#	94

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

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