Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020415\
Data File : BF077175.D
Acq On : 4 Feb 2015 12:09
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/5/2015 12:05:18 PM

Quant Time: Feb 05 00:09:14 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 23:51:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	36956	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	160038	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	87174	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	152024	20.00	ng		0.00
75) Chrysene-d12	21.07	240	145883	20.00	ng		0.00
86) Perylene-d12	22.74	264	137511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	179488	79.85	ng		0.00
7) Phenol-d6	7.09	99	224676	79.24	ng		0.00
23) Nitrobenzene-d5	8.99	82	232001	80.31	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	57712	81.56	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	464858	81.15	ng		0.00
78) Terphenyl-d14	19.81	244	531146	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	33933	35.26	ng		97
3) Pyridine	1.52	79	102378	41.11	ng		92
4) n-Nitrosodimethylamine	1.49	42	51046	41.38	ng		98
6) Aniline	6.97	93	160453	40.89	ng		97
8) 2-Chlorophenol	7.21	128	106505	41.10	ng		95
9) Benzaldehyde	6.68	77	62407	38.28	ng		98
10) Phenol	7.12	94	119888	39.82	ng		95
11) bis(2-Chloroethyl)ether	7.23	93	98629	41.86	ng	#	76
12) 1,3-Dichlorobenzene	7.53	146	120108	40.74	ng		96
13) 1,4-Dichlorobenzene	7.72	146	125382	40.11	ng		98
14) 1,2-Dichlorobenzene	8.03	146	118338	41.08	ng		98
15) Benzyl Alcohol	8.13	79	95311	41.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133984	42.31	ng		95
17) 2-Methylphenol	8.49	107	85203	40.24	ng		96
18) Hexachloroethane	8.77	117	45407	41.76	ng		95
19) n-Nitroso-di-n-propylamine	8.77	70	79996	40.30	ng		96
20) 3+4-Methylphenols	8.86	107	105803	37.73	ng		97
22) Acetophenone	8.68	105	160056	40.83	ng		99
24) Nitrobenzene	9.04	77	118212	40.17	ng		98
25) Isophorone	9.64	82	214040	40.69	ng		95
26) 2-Nitrophenol	9.78	139	55141	37.01	ng		96
27) 2,4-Dimethylphenol	10.06	122	91545	40.23	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	123382	41.26	ng		98
29) 2,4-Dichlorophenol	10.37	162	80770	38.08	ng		97
30) 1,2,4-Trichlorobenzene	10.51	180	97157	41.24	ng		98
31) Naphthalene	10.64	128	333443	40.47	ng		100
32) Benzoic acid	10.50	122	42293m	33.55	ng		
33) 4-Chloroaniline	10.90	127	130733	39.27	ng		97
34) Hexachlorobutadiene	11.00	225	57432	41.09	ng		96
35) Caprolactam	11.79	113	24325	38.96	ng	#	78
36) 4-Chloro-3-methylphenol	12.20	107	97589	40.19	ng		96
37) 2-Methylnaphthalene	12.29	142	227152	40.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	86494	40.13	ng		98
40) Hexachlorocyclopentadiene	12.68	237	43935	40.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	61625	39.24	ng		95
43) 2,4,5-Trichlorophenol	13.14	196	58196	36.34	ng		94
45) 1,1'-Biphenyl	13.45	154	265648	41.11	ng		99
46) 2-Chloronaphthalene	13.43	162	218496	41.09	ng		97
47) 2-Nitroaniline	13.77	65	69040	42.79	ng		96
48) Acenaphthylene	14.36	152	368714	41.10	ng		99
49) Dimethylphthalate	14.34	163	254640	41.19	ng		98
50) 2,6-Dinitrotoluene	14.43	165	53478	43.30	ng		93
51) Acenaphthene	14.80	154	203776	40.04	ng		96
52) 3-Nitroaniline	14.77	138	61455	38.47	ng		89
53) 2,4-Dinitrophenol	15.06	184	13713	31.94	ng	#	85
54) Dibenzofuran	15.22	168	301786	40.71	ng		99
55) 4-Nitrophenol	15.38	139	30814m	31.80	ng		
56) 2,4-Dinitrotoluene	15.36	165	74781	40.72	ng		91
57) Fluorene	15.97	166	255759	40.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	42047	36.06	ng		95
59) Diethylphthalate	15.99	149	265330	42.47	ng		99
60) 4-Chlorophenyl-phenylether	16.08	204	105318	40.98	ng		87
61) 4-Nitroaniline	16.15	138	61579	39.80	ng		97
62) Azobenzene	16.36	77	274261	42.13	ng		97
64) 4,6-Dinitro-2-methylphenol	16.21	198	34438	36.13	ng		93
65) n-Nitrosodiphenylamine	16.33	169	212949	39.28	ng		97
66) 4-Bromophenyl-phenylether	16.93	248	61604	40.00	ng		97
67) Hexachlorobenzene	16.96	284	64155	39.53	ng	#	88
68) Atrazine	17.32	200	66224	40.26	ng		98
69) Pentachlorophenol	17.32	266	22198	34.15	ng		97
70) Phenanthrene	17.61	178	369174	38.94	ng		98
71) Anthracene	17.68	178	372500	40.29	ng		98
72) Carbazole	17.97	167	366268	40.85	ng		98
73) Di-n-butylphthalate	18.57	149	450798	43.43	ng		98
74) Fluoranthene	19.25	202	395293	40.69	ng		99
76) Benzidine	19.51	184	197192	42.24	ng		99
77) Pyrene	19.54	202	409849	40.99	ng		99
79) Butylbenzylphthalate	20.48	149	211313	46.67	ng		96
80) Benzo(a)anthracene	21.06	228	379412	41.45	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	126094	43.35	ng	#	96
82) Chrysene	21.11	228	340990	40.85	ng		98
83) Bis(2-ethylhexyl)phthalate	21.22	149	295791	47.21	ng		100
84) Di-n-octyl phthalate	21.99	149	520468	47.87	ng		99
85) Indeno(1,2,3-cd)pyrene	23.87	276	385855	43.62	ng	#	83
87) Benzo(b)fluoranthene	22.33	252	380614	41.10	ng	#	94
88) Benzo(k)fluoranthene	22.35	252	317229m	39.20	ng		
89) Benzo(a)pyrene	22.68	252	333925	40.88	ng		98
90) Dibenzo(a,h)anthracene	23.89	278	308626	41.17	ng	#	93
91) Benzo(g,h,i)perylene	24.15	276	309683	41.56	ng		96

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

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