Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080473.D
Acq On : 14 Jul 2015 19:45
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICV040

Manual Integrations APPROVED
apatel
7/16/2015 8:21:31 AM

Quant Time: Jul 15 04:21:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	29097	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	112980	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	51473	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	100062	20.00	ng		0.00
75) Chrysene-d12	14.53	240	96723	20.00	ng		0.06
86) Perylene-d12	16.31	264	117217	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	67330	37.82	ng		0.00
7) Phenol-d6	6.76	99	81178	37.26	ng		-0.01
23) Nitrobenzene-d5	7.69	82	86541	41.93	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	17120	35.19	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	151846	40.42	ng		0.00
78) Terphenyl-d14	13.31	244	156482	39.00	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	13403	18.69	ng		96
3) Pyridine	3.84	79	30240	20.34	ng		93
4) n-Nitrosodimethylamine	3.66	42	17620	20.64	ng		95
6) Aniline	6.80	93	59694	18.88	ng		98
8) 2-Chlorophenol	6.92	128	35905	19.23	ng		96
9) Benzaldehyde	6.68	77	27664	20.79	ng		97
10) Phenol	6.78	94	50602	20.15	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	34405	18.02	ng		98
12) 1,3-Dichlorobenzene	7.07	146	40377	18.54	ng		98
13) 1,4-Dichlorobenzene	7.14	146	45225	19.10	ng		97
14) 1,2-Dichlorobenzene	7.30	146	43421	18.97	ng		99
15) Benzyl Alcohol	7.28	79	29860	19.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	60719	19.62	ng		88
17) 2-Methylphenol	7.39	107	28056	18.56	ng		94
18) Hexachloroethane	7.64	117	14575	18.69	ng		93
19) n-Nitroso-di-n-propylamine	7.53	70	26124	17.70	ng		99
20) 3+4-Methylphenols	7.54	107	42214	19.71	ng		93
22) Acetophenone	7.53	105	51481	19.42	ng	#	93
24) Nitrobenzene	7.71	77	41985	18.45	ng		97
25) Isophorone	7.94	82	72173	18.94	ng		98
26) 2-Nitrophenol	8.03	139	18978	19.23	ng		96
27) 2,4-Dimethylphenol	8.06	122	36232	20.02	ng		99
28) bis(2-Chloroethoxy)methane	8.14	93	41402	19.32	ng		96
29) 2,4-Dichlorophenol	8.27	162	30802	19.52	ng		97
30) 1,2,4-Trichlorobenzene	8.35	180	37839	19.27	ng		99
31) Naphthalene	8.43	128	112177	19.19	ng		99
32) Benzoic acid	8.14	122	14374	20.21	ng		84
33) 4-Chloroaniline	8.49	127	45306	19.48	ng		99
34) Hexachlorobutadiene	8.54	225	18844	18.94	ng		95
35) Caprolactam	8.83	113	7220	17.73	ng	#	57
36) 4-Chloro-3-methylphenol	8.97	107	29748	19.26	ng	#	73
37) 2-Methylnaphthalene	9.13	142	72700	18.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	33952	19.88	ng		99
40) Hexachlorocyclopentadiene	9.28	237	16222	25.32	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	20673	19.47	ng		99
43) 2,4,5-Trichlorophenol	9.46	196	21064	19.69	ng		96
45) 1,1'-Biphenyl	9.58	154	93726	21.15	ng		99
46) 2-Chloronaphthalene	9.62	162	68167	18.73	ng		97
47) 2-Nitroaniline	9.72	65	19469	18.55	ng		97
48) Acenaphthylene	10.03	152	103660	18.84	ng		99
49) Dimethylphthalate	9.88	163	80246	19.70	ng		100
50) 2,6-Dinitrotoluene	9.95	165	16769	19.12	ng		92
51) Acenaphthene	10.20	154	65032	19.43	ng		99
52) 3-Nitroaniline	10.13	138	16594	17.58	ng		100
53) 2,4-Dinitrophenol	10.24	184	5630	22.67	ng		96
54) Dibenzofuran	10.37	168	92896	19.68	ng		96
55) 4-Nitrophenol	10.30	139	11521	20.60	ng		95
56) 2,4-Dinitrotoluene	10.35	165	19108	19.23	ng	#	24
57) Fluorene	10.72	166	72706	19.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.50	232	16454	18.99	ng		99
59) Diethylphthalate	10.58	149	78649	19.51	ng		99
60) 4-Chlorophenyl-phenylether	10.70	204	35309	19.84	ng		97
61) 4-Nitroaniline	10.75	138	14894	17.39	ng		94
62) Azobenzene	10.86	77	77537	20.12	ng		98
64) 4,6-Dinitro-2-methylphenol	10.76	198	9251	20.63	ng		83
65) n-Nitrosodiphenylamine	10.83	169	60674	18.67	ng		98
66) 4-Bromophenyl-phenylether	11.20	248	19809	19.85	ng		91
67) Hexachlorobenzene	11.28	284	20933	19.28	ng		97
68) Atrazine	11.34	200	19120	20.19	ng		96
69) Pentachlorophenol	11.47	266	9319	18.63	ng		95
70) Phenanthrene	11.69	178	110014	18.92	ng		98
71) Anthracene	11.74	178	104172	19.05	ng		99
72) Carbazole	11.90	167	93020	18.78	ng		99
73) Di-n-butylphthalate	12.21	149	104966	19.97	ng	#	97
74) Fluoranthene	12.92	202	103711	18.08	ng		98
76) Benzidine	13.05	184	50202	17.52	ng		99
77) Pyrene	13.16	202	109607	19.25	ng		99
79) Butylbenzylphthalate	13.84	149	37058	17.82	ng	#	81
80) Benzo(a)anthracene	14.52	228	103550	18.37	ng		98
81) 3,3'-Dichlorobenzidine	14.49	252	33748	18.94	ng	#	92
82) Chrysene	14.57	228	102232	18.97	ng		99
83) Bis(2-ethylhexyl)phthalate	14.49	149	52766	17.46	ng	#	95
84) Di-n-octyl phthalate	15.27	149	92451	17.04	ng		99
85) Indeno(1,2,3-cd)pyrene	17.94	276	176600	24.00	ng		99
87) Benzo(b)fluoranthene	15.81	252	111761	16.69	ng		98
88) Benzo(k)fluoranthene	15.85	252	117341m	18.14	ng		
89) Benzo(a)pyrene	16.23	252	122504	18.57	ng		100
90) Dibenzo(a,h)anthracene	17.96	278	145005	19.39	ng		96
91) Benzo(g,h,i)perylene	18.44	276	156422	19.98	ng		99

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

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