Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079626.D
Acq On : 31 May 2015 4:20
Operator : TP/IZ
Sample : G2309-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX4MSD

Manual Integrations APPROVED
apatel
6/1/2015 8:48:08 PM

Quant Time: Jun 01 03:40:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 03:28:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	79229	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	322329	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	159659	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	294943	20.00	ng		0.00
75) Chrysene-d12	15.78	240	308490	20.00	ng		-0.01
86) Perylene-d12	17.49	264	301875	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	240845	52.73	ng		0.01
7) Phenol-d6	6.54	99	201904	34.68	ng		0.00
23) Nitrobenzene-d5	7.63	82	385555	69.14	ng		0.00
41) 2,4,6-Tribromophenol	11.66	330	196402	112.00	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	811275	72.49	ng		0.00
78) Terphenyl-d14	14.50	244	823513	62.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	29235	13.45	ng	#	100
3) Pyridine	2.41	79	55818	11.67	ng		96
4) n-Nitrosodimethylamine	2.33	42	31541	13.39	ng		97
6) Aniline	6.52	93	109670	13.27	ng		94
8) 2-Chlorophenol	6.67	128	156479	29.43	ng		96
9) Benzaldehyde	6.39	77	24093	5.27	ng		94
10) Phenol	6.56	94	79628	11.62	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	194031	39.13	ng		88
12) 1,3-Dichlorobenzene	6.86	146	193650	32.87	ng		95
13) 1,4-Dichlorobenzene	6.96	146	192505	32.03	ng		97
14) 1,2-Dichlorobenzene	7.14	146	186786	33.47	ng		97
15) Benzyl Alcohol	7.14	79	105122	24.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	272195	37.50	ng		94
17) 2-Methylphenol	7.30	107	101662	24.33	ng	#	95
18) Hexachloroethane	7.55	117	57616	27.85	ng	#	82
19) n-Nitroso-di-n-propylamine	7.47	70	146099	35.66	ng	#	85
20) 3+4-Methylphenols	7.50	107	124725	21.73	ng		92
22) Acetophenone	7.45	105	287447	39.80	ng	#	99
24) Nitrobenzene	7.66	77	194323	35.36	ng		96
25) Isophorone	7.96	82	380025	37.39	ng		100
26) 2-Nitrophenol	8.06	139	89894	34.55	ng		99
27) 2,4-Dimethylphenol	8.14	122	152768	32.66	ng		99
28) bis(2-Chloroethoxy)methane	8.25	93	248924	39.51	ng		99
29) 2,4-Dichlorophenol	8.36	162	152844	35.67	ng		97
30) 1,2,4-Trichlorobenzene	8.44	180	158297	35.62	ng		99
31) Naphthalene	8.54	128	610781	39.49	ng		99
32) Benzoic acid	8.26	122	34588	11.92	ng		94
33) 4-Chloroaniline	8.63	127	144743	22.40	ng		99
34) Hexachlorobutadiene	8.70	225	85678	33.89	ng		97
35) Caprolactam	9.06	113	9328	6.90	ng	#	89
36) 4-Chloro-3-methylphenol	9.24	107	146167	32.89	ng		98
37) 2-Methylnaphthalene	9.39	142	398310	37.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	156790	35.11	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	15275	21.74	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	108301	34.73	ng		99
43) 2,4,5-Trichlorophenol	9.82	196	111123	35.80	ng		98
45) 1,1'-Biphenyl	9.98	154	456830	36.63	ng		98
46) 2-Chloronaphthalene	10.00	162	367524	37.32	ng		95
47) 2-Nitroaniline	10.14	65	107403	36.68	ng	#	82
48) Acenaphthylene	10.50	152	588807	36.02	ng		99
49) Dimethylphthalate	10.38	163	468430	39.82	ng		100
50) 2,6-Dinitrotoluene	10.46	165	87996	37.44	ng		98
51) Acenaphthene	10.72	154	354817	37.96	ng		98
52) 3-Nitroaniline	10.65	138	78783	25.77	ng		90
53) 2,4-Dinitrophenol	10.81	184	15192	27.00	ng		93
54) Dibenzofuran	10.94	168	525420	38.11	ng		94
55) 4-Nitrophenol	10.91	139	29950m	17.67	ng		
56) 2,4-Dinitrotoluene	10.95	165	114899	36.45	ng		99
57) Fluorene	11.36	166	438850	38.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	90029	39.85	ng	#	100
59) Diethylphthalate	11.24	149	437484	37.99	ng		94
60) 4-Chlorophenyl-phenylether	11.37	204	194234	39.55	ng		89
61) 4-Nitroaniline	11.41	138	89383	31.38	ng		92
62) Azobenzene	11.57	77	451341	40.30	ng		94
64) 4,6-Dinitro-2-methylphenol	11.46	198	15398	15.82	ng	#	22
65) n-Nitrosodiphenylamine	11.52	169	352905	36.03	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	119473	39.34	ng	#	90
67) Hexachlorobenzene	12.03	284	134323	38.79	ng	#	86
68) Atrazine	12.21	200	115639	43.70	ng		98
69) Pentachlorophenol	12.29	266	113567	85.61	ng		97
70) Phenanthrene	12.54	178	606976	37.51	ng		98
71) Anthracene	12.61	178	623606	37.96	ng		99
72) Carbazole	12.82	167	618138	39.08	ng		98
73) Di-n-butylphthalate	13.28	149	776034	43.83	ng		99
74) Fluoranthene	14.01	202	691292	39.84	ng		97
76) Benzidine	14.21	184	41614	6.30	ng		98
77) Pyrene	14.29	202	715774	37.45	ng		99
79) Butylbenzylphthalate	15.13	149	355522	41.36	ng		90
80) Benzo(a)anthracene	15.77	228	656339	36.98	ng		100
81) 3,3'-Dichlorobenzidine	15.76	252	206008	31.70	ng		99
82) Chrysene	15.82	228	615738	36.50	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	530802	43.11	ng	#	98
84) Di-n-octyl phthalate	16.63	149	897746	41.89	ng		100
85) Indeno(1,2,3-cd)pyrene	18.77	276	757264	34.90	ng		99
87) Benzo(b)fluoranthene	17.05	252	796543	46.27	ng		99
88) Benzo(k)fluoranthene	17.09	252	503876m	32.73	ng		
89) Benzo(a)pyrene	17.43	252	634994	41.93	ng		99
90) Dibenzo(a,h)anthracene	18.79	278	627074	39.51	ng		99
91) Benzo(g,h,i)perylene	19.14	276	641073	40.71	ng		96

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

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