Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078076.D
Acq On : 28 Mar 2015 12:11
Operator : TP/IZ
Sample : G1667-12MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MS

Manual Integrations APPROVED
apatel
3/30/2015 6:31:18 PM

Quant Time: Mar 30 02:22:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37910	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	154574	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	76857	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	150651	20.00	ng		0.00
75) Chrysene-d12	15.93	240	158751	20.00	ng		0.00
86) Perylene-d12	17.67	264	166250	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	273335	125.85	ng		0.00
7) Phenol-d6	6.67	99	352351	131.31	ng		0.00
23) Nitrobenzene-d5	7.77	82	194587	82.52	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	88164	119.89	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	413060	78.98	ng		0.00
78) Terphenyl-d14	14.65	244	488239	75.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	33095	33.56	ng	#	100
3) Pyridine	2.60	79	85765	32.37	ng		98
4) n-Nitrosodimethylamine	2.53	42	44715m	38.76	ng		
6) Aniline	6.66	93	78806	20.53	ng	#	78
8) 2-Chlorophenol	6.81	128	108382	41.92	ng		98
9) Benzaldehyde	6.52	77	4432	4.03	ng		97
10) Phenol	6.68	94	137000	43.19	ng	#	72
11) bis(2-Chloroethyl)ether	6.77	93	102892	43.31	ng		99
12) 1,3-Dichlorobenzene	6.99	146	111843	38.90	ng	#	96
13) 1,4-Dichlorobenzene	7.09	146	115988	38.82	ng		95
14) 1,2-Dichlorobenzene	7.28	146	109549	40.00	ng		96
15) Benzyl Alcohol	7.26	79	80970	38.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.45	45	130482	40.75	ng		99
17) 2-Methylphenol	7.42	107	85542	40.65	ng		97
18) Hexachloroethane	7.69	117	37861	38.64	ng	#	89
19) n-Nitroso-di-n-propylamine	7.60	70	71387	38.46	ng		98
20) 3+4-Methylphenols	7.62	107	113843	41.22	ng		93
22) Acetophenone	7.58	105	146831	42.91	ng	#	98
24) Nitrobenzene	7.79	77	103466	40.73	ng		99
25) Isophorone	8.10	82	192419	40.41	ng		97
26) 2-Nitrophenol	8.19	139	51340	41.28	ng		97
27) 2,4-Dimethylphenol	8.27	122	90984	40.16	ng		97
28) bis(2-Chloroethoxy)methane	8.38	93	120806	41.79	ng		99
29) 2,4-Dichlorophenol	8.50	162	88962	41.19	ng		95
30) 1,2,4-Trichlorobenzene	8.59	180	93272	38.60	ng		98
31) Naphthalene	8.68	128	309355	38.97	ng		99
32) Benzoic acid	8.37	122	23789	20.70	ng		96
33) 4-Chloroaniline	8.76	127	69824	21.67	ng		97
34) Hexachlorobutadiene	8.83	225	51954	37.93	ng		98
35) Caprolactam	9.18	113	26816	42.48	ng	#	83
36) 4-Chloro-3-methylphenol	9.38	107	90803	41.79	ng		86
37) 2-Methylnaphthalene	9.54	142	215995	40.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	91429	39.88	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	72339	63.71	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	63499	39.99	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	65759	38.33	ng		98
45) 1,1'-Biphenyl	10.12	154	247920	40.35	ng		98
46) 2-Chloronaphthalene	10.13	162	199170	39.89	ng	#	93
47) 2-Nitroaniline	10.27	65	50479	40.71	ng		88
48) Acenaphthylene	10.65	152	321715	38.75	ng		99
49) Dimethylphthalate	10.51	163	241677	42.40	ng		100
50) 2,6-Dinitrotoluene	10.58	165	49022	41.49	ng		91
51) Acenaphthene	10.85	154	178363	37.47	ng		99
52) 3-Nitroaniline	10.79	138	41990	30.60	ng		90
53) 2,4-Dinitrophenol	10.92	184	25456	60.79	ng	#	74
54) Dibenzofuran	11.07	168	279179	39.54	ng		94
55) 4-Nitrophenol	11.03	139	76977	75.72	ng		87
56) 2,4-Dinitrotoluene	11.08	165	66850	43.39	ng	#	59
57) Fluorene	11.49	166	226395	38.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	52454	39.71	ng	#	100
59) Diethylphthalate	11.39	149	229577	41.33	ng		99
60) 4-Chlorophenyl-phenylether	11.51	204	103647	38.74	ng	#	87
61) 4-Nitroaniline	11.54	138	55082	40.27	ng		85
62) Azobenzene	11.70	77	211424	39.83	ng		92
64) 4,6-Dinitro-2-methylphenol	11.57	198	22224	32.74	ng		88
65) n-Nitrosodiphenylamine	11.67	169	194992	38.87	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	62452	38.84	ng	#	87
67) Hexachlorobenzene	12.17	284	67511	38.22	ng	#	93
68) Atrazine	12.34	200	65881	46.86	ng		98
69) Pentachlorophenol	12.42	266	57582	62.92	ng		96
70) Phenanthrene	12.68	178	398671	46.10	ng		100
71) Anthracene	12.75	178	348691	40.81	ng		98
72) Carbazole	12.96	167	337582	41.53	ng		100
73) Di-n-butylphthalate	13.41	149	374689	41.11	ng		99
74) Fluoranthene	14.16	202	525759	55.12	ng		99
76) Benzidine	14.34	184	142523	36.25	ng		100
77) Pyrene	14.43	202	518124	51.90	ng		99
79) Butylbenzylphthalate	15.27	149	167340	42.52	ng		87
80) Benzo(a)anthracene	15.92	228	452533	48.09	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	101577	32.72	ng		99
82) Chrysene	15.96	228	413956	48.92	ng		99
83) Bis(2-ethylhexyl)phthalate	16.00	149	248295	41.65	ng		100
84) Di-n-octyl phthalate	16.79	149	433991	42.57	ng		100
85) Indeno(1,2,3-cd)pyrene	19.03	276	466858	44.21	ng	#	100
87) Benzo(b)fluoranthene	17.23	252	489874	45.14	ng	#	96
88) Benzo(k)fluoranthene	17.25	252	370826m	43.74	ng		
89) Benzo(a)pyrene	17.61	252	424440	46.87	ng	#	98
90) Dibenzo(a,h)anthracene	19.05	278	347179	38.65	ng		98
91) Benzo(g,h,i)perylene	19.41	276	392697	42.95	ng		97

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

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