Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084675.D
Acq On : 30 Jan 2016 10:13
Operator : SJ/IZ
Sample : H1303-10MS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WESTWALL-UST-115MS

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:35 PM

Quant Time: Feb 01 01:14:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177751	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	708364	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	332615	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	577371	20.00	ng		0.00
75) Chrysene-d12	13.87	240	338888	20.00	ng		0.00
86) Perylene-d12	15.25	264	332163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1378938	117.10	ng		0.01
7) Phenol-d6	6.38	99	1831103	129.74	ng		0.01
23) Nitrobenzene-d5	7.30	82	1133328	89.41	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	455259	130.59	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1678424	75.00	ng		0.00
78) Terphenyl-d14	12.83	244	1583268	105.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	162836	29.66	ng	#	73
3) Pyridine	2.94	79	508133	34.74	ng	#	71
4) n-Nitrosodimethylamine	2.90	42	271120	37.91	ng		81
6) Aniline	6.40	93	560781	30.95	ng	#	44
8) 2-Chlorophenol	6.51	128	537179	41.13	ng		89
9) Benzaldehyde	6.27	77	25894	3.17	ng		96
10) Phenol	6.40	94	683760	43.47	ng		98
11) bis(2-Chloroethyl)ether	6.46	93	514131	42.03	ng	#	81
12) 1,3-Dichlorobenzene	6.66	146	529880m	37.87	ng		
13) 1,4-Dichlorobenzene	6.74	146	526604	38.34	ng		96
14) 1,2-Dichlorobenzene	6.90	146	529399	41.86	ng		97
15) Benzyl Alcohol	6.88	79	426517	44.40	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	809616	38.67	ng		87
17) 2-Methylphenol	7.00	107	465834	46.01	ng		94
18) Hexachloroethane	7.24	117	208111	38.73	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	359814	41.74	ng	#	74
20) 3+4-Methylphenols	7.15	107	536424	43.66	ng	#	68
22) Acetophenone	7.14	105	757959	40.97	ng	#	99
24) Nitrobenzene	7.31	77	521827	38.73	ng		93
25) Isophorone	7.56	82	1049424	44.19	ng		95
26) 2-Nitrophenol	7.63	139	280715	43.82	ng	#	84
27) 2,4-Dimethylphenol	7.68	122	463259	41.27	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	627736	44.05	ng	#	96
29) 2,4-Dichlorophenol	7.88	162	466552	47.51	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	458886	40.87	ng		95
31) Naphthalene	8.03	128	1401793	39.20	ng		99
32) Benzoic acid	7.79	122	138195	16.04	ng		94
33) 4-Chloroaniline	8.09	127	280550	19.29	ng		96
34) Hexachlorobutadiene	8.16	225	267989	40.39	ng		99
35) Caprolactam	8.46	113	142722m	50.65	ng		
36) 4-Chloro-3-methylphenol	8.59	107	520549	48.15	ng		93
37) 2-Methylnaphthalene	8.73	142	1049167	47.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	398303	36.92	ng		99
40) Hexachlorocyclopentadiene	8.88	237	401268	81.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	309226	46.15	ng		95
43) 2,4,5-Trichlorophenol	9.06	196	315352	45.58	ng		93
45) 1,1'-Biphenyl	9.20	154	1234101	40.48	ng		96
46) 2-Chloronaphthalene	9.22	162	898016	40.38	ng	#	86
47) 2-Nitroaniline	9.31	65	270133	40.44	ng		98
48) Acenaphthylene	9.63	152	1418269	42.09	ng		99
49) Dimethylphthalate	9.50	163	1468068	58.81	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	258553	47.07	ng	#	86
51) Acenaphthene	9.80	154	956219	42.37	ng		97
52) 3-Nitroaniline	9.72	138	151552	26.41	ng		96
53) 2,4-Dinitrophenol	9.84	184	216241	79.79	ng		94
54) Dibenzofuran	9.97	168	1270714	47.18	ng		98
55) 4-Nitrophenol	9.90	139	356380	84.53	ng	#	81
56) 2,4-Dinitrotoluene	9.96	165	323587	45.35	ng	#	92
57) Fluorene	10.32	166	929668	40.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	243210	46.50	ng		90
59) Diethylphthalate	10.20	149	1080646	44.22	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	399879	39.02	ng		92
61) 4-Nitroaniline	10.34	138	230604	42.45	ng		93
62) Azobenzene	10.46	77	1098241	46.95	ng		90
64) 4,6-Dinitro-2-methylphenol	10.37	198	160243	42.49	ng	#	70
65) n-Nitrosodiphenylamine	10.43	169	903157	48.24	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	301527	46.37	ng	#	94
67) Hexachlorobenzene	10.85	284	289345	40.91	ng	#	83
68) Atrazine	10.96	200	241854	43.12	ng		99
69) Pentachlorophenol	11.06	266	320758	93.87	ng		100
70) Phenanthrene	11.26	178	1277151	40.00	ng		98
71) Anthracene	11.32	178	1479511	45.58	ng		99
72) Carbazole	11.48	167	1263274	45.16	ng		97
73) Di-n-butylphthalate	11.81	149	1387473	40.78	ng	#	96
74) Fluoranthene	12.45	202	1344550	42.60	ng		95
76) Benzidine	12.58	184	641468	49.77	ng		98
77) Pyrene	12.67	202	1274124	49.85	ng		98
79) Butylbenzylphthalate	13.31	149	558303	51.13	ng	#	83
80) Benzo(a)anthracene	13.86	228	904537	42.82	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	256175	34.46	ng	#	95
82) Chrysene	13.89	228	806602	38.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	704240	49.72	ng	#	96
84) Di-n-octyl phthalate	14.48	149	1091416	48.77	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	1032698	56.10	ng		99
87) Benzo(b)fluoranthene	14.87	252	1017061m	47.29	ng		
88) Benzo(k)fluoranthene	14.90	252	633823m	35.68	ng		
89) Benzo(a)pyrene	15.20	252	797272	42.85	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	846814	50.50	ng		97
91) Benzo(g,h,i)perylene	16.96	276	887060	52.40	ng		98

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

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