Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083256.D
Acq On : 25 Nov 2015 00:37
Operator : UM/IZ
Sample : G4518-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Manual Integrations APPROVED
Mmdadoda
11/25/2015 12:54:46 PM

Quant Time: Nov 25 02:32:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	186327	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	693362	20.00	ng		-0.06
38) Acenaphthene-d10	9.66	164	350950	20.00	ng		-0.05
63) Phenanthrene-d10	11.13	188	652460	20.00	ng		-0.05
75) Chrysene-d12	13.75	240	477557	20.00	ng		-0.06
86) Perylene-d12	15.11	264	411797	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1447898	117.48	ng		-0.06
7) Phenol-d6	6.28	99	1933640	121.26	ng		-0.06
23) Nitrobenzene-d5	7.19	82	1418407	93.48	ng		-0.05
41) 2,4,6-Tribromophenol	10.44	330	509067	141.78	ng		-0.05
44) 2-Fluorobiphenyl	8.98	172	2082759	82.76	ng		-0.05
78) Terphenyl-d14	12.71	244	2150084	106.02	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	189838	31.10	ng		92
3) Pyridine	2.86	79	423793	26.28	ng		94
4) n-Nitrosodimethylamine	2.75	42	314710	42.32	ng		89
6) Aniline	6.28	93	162631	8.35	ng	#	1
8) 2-Chlorophenol	6.41	128	545832	40.99	ng		87
9) Benzaldehyde	6.16	77	301088	36.80	ng		96
10) Phenol	6.30	94	746580	38.70	ng		82
11) bis(2-Chloroethyl)ether	6.36	93	649015	47.12	ng		96
12) 1,3-Dichlorobenzene	6.55	146	577574	37.99	ng		98
13) 1,4-Dichlorobenzene	6.63	146	616125	40.06	ng		98
14) 1,2-Dichlorobenzene	6.79	146	544707	38.97	ng		95
15) Benzyl Alcohol	6.78	79	569527	42.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1088825	50.69	ng		86
17) 2-Methylphenol	6.90	107	480469	43.61	ng		98
18) Hexachloroethane	7.12	117	214602	39.62	ng	#	81
19) n-Nitroso-di-n-propylamine	7.05	70	506603	45.65	ng	#	90
20) 3+4-Methylphenols	7.06	107	644955	46.30	ng		97
22) Acetophenone	7.04	105	852343	42.82	ng	#	94
24) Nitrobenzene	7.20	77	676708	41.74	ng		97
25) Isophorone	7.45	82	1295214	45.08	ng		99
26) 2-Nitrophenol	7.52	139	287447	40.16	ng	#	82
27) 2,4-Dimethylphenol	7.59	122	536630	46.98	ng		91
28) bis(2-Chloroethoxy)methane	7.67	93	788690	47.21	ng		99
29) 2,4-Dichlorophenol	7.78	162	490838	45.18	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	498168	41.74	ng		97
31) Naphthalene	7.92	128	2050884	54.81	ng		98
32) Benzoic acid	7.74	122	333096	37.51	ng		97
33) 4-Chloroaniline	7.99	127	101557	6.99	ng		93
34) Hexachlorobutadiene	8.04	225	275691	39.09	ng		98
35) Caprolactam	8.36	113	132068m	37.93	ng		
36) 4-Chloro-3-methylphenol	8.49	107	547282	43.49	ng		90
37) 2-Methylnaphthalene	8.62	142	1115522	45.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	488868	42.98	ng		98
40) Hexachlorocyclopentadiene	8.78	237	520398	80.46	ng		99

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Quant Time: Nov 25 02:32:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	348792	42.81	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	375840	45.12	ng	#	84
45) 1,1'-Biphenyl	9.08	154	1345852	45.06	ng		99
46) 2-Chloronaphthalene	9.10	162	1010371	43.07	ng		94
47) 2-Nitroaniline	9.21	65	435332	52.45	ng	#	86
48) Acenaphthylene	9.52	152	1635697	44.99	ng		99
49) Dimethylphthalate	9.39	163	1189062	44.01	ng		100
50) 2,6-Dinitrotoluene	9.45	165	272637	44.97	ng		90
51) Acenaphthene	9.68	154	964653	43.59	ng		98
52) 3-Nitroaniline	9.62	138	74777	11.57	ng		84
53) 2,4-Dinitrophenol	9.72	184	306974	87.89	ng	#	84
54) Dibenzofuran	9.86	168	1531575	48.95	ng		97
55) 4-Nitrophenol	9.82	139	391470	78.98	ng		91
56) 2,4-Dinitrotoluene	9.85	165	332804	43.32	ng		91
57) Fluorene	10.19	166	1124168	43.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	325039	47.57	ng		95
59) Diethylphthalate	10.09	149	1180109	43.88	ng		96
60) 4-Chlorophenyl-phenylether	10.19	204	518337	43.77	ng		96
61) 4-Nitroaniline	10.24	138	277789	43.65	ng		94
62) Azobenzene	10.35	77	1529103	49.81	ng		98
64) 4,6-Dinitro-2-methylphenol	10.26	198	218882	48.69	ng		89
65) n-Nitrosodiphenylamine	10.32	169	1040429	46.89	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	342346	47.28	ng	#	90
67) Hexachlorobenzene	10.74	284	349196	43.80	ng		95
68) Atrazine	10.86	200	363654	56.43	ng		98
69) Pentachlorophenol	10.95	266	452181	87.07	ng		99
70) Phenanthrene	11.15	178	1827618	48.62	ng		99
71) Anthracene	11.20	178	1685636	43.95	ng		99
72) Carbazole	11.37	167	1593187	46.74	ng		98
73) Di-n-butylphthalate	11.70	149	1847340	44.40	ng		100
74) Fluoranthene	12.33	202	1740925	45.25	ng		98
76) Benzidine	12.47	184	78095	6.24	ng		99
77) Pyrene	12.56	202	1918588	58.81	ng		99
79) Butylbenzylphthalate	13.19	149	764939	49.54	ng		85
80) Benzo(a)anthracene	13.74	228	1528356	51.75	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	183244	17.83	ng	#	98
82) Chrysene	13.78	228	1414538	51.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	1032733	51.21	ng	#	96
84) Di-n-octyl phthalate	14.37	149	1497583	43.14	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	1252102	50.26	ng		96
87) Benzo(b)fluoranthene	14.74	252	1179612m	41.92	ng		
88) Benzo(k)fluoranthene	14.77	252	1019365m	48.63	ng		
89) Benzo(a)pyrene	15.05	252	1058625	45.57	ng	#	95
90) Dibenzo(a,h)anthracene	16.37	278	1051363	49.82	ng		97
91) Benzo(g,h,i)perylene	16.72	276	1063237	51.61	ng	#	93

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

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