Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082989.D
Acq On : 18 Nov 2015 2:25
Operator : UM/IZ
Sample : G4407-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16MS

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:33 AM

Quant Time: Nov 18 06:57:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168003	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	658323	20.00	ng		-0.10
38) Acenaphthene-d10	9.79	164	314011	20.00	ng		-0.10
63) Phenanthrene-d10	11.28	188	623057	20.00	ng		-0.10
75) Chrysene-d12	13.91	240	447469	20.00	ng		-0.11
86) Perylene-d12	15.30	264	373773	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	628883	58.24	ng		-0.09
7) Phenol-d6	6.41	99	566232	39.45	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1181136	78.07	ng		-0.09
41) 2,4,6-Tribromophenol	10.59	330	487491	135.40	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	2153806	98.31	ng		-0.09
78) Terphenyl-d14	12.87	244	1943013	102.99	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	93406	20.05	ng		94
3) Pyridine	3.00	79	236744	17.51	ng		96
4) n-Nitrosodimethylamine	2.92	42	104248	15.55	ng	#	68
6) Aniline	6.41	93	314372	15.60	ng	#	73
8) 2-Chlorophenol	6.54	128	430684	35.98	ng		95
9) Benzaldehyde	6.29	77	40166	5.07	ng		84
10) Phenol	6.42	94	215832	13.25	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	501105	41.14	ng		94
12) 1,3-Dichlorobenzene	6.69	146	506284m	37.50	ng		
13) 1,4-Dichlorobenzene	6.77	146	541269	38.54	ng		93
14) 1,2-Dichlorobenzene	6.92	146	435487	34.09	ng		93
15) Benzyl Alcohol	6.90	79	294909	23.39	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	872510	48.84	ng		95
17) 2-Methylphenol	7.02	107	274724	27.10	ng		99
18) Hexachloroethane	7.26	117	169794	33.80	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	422393	40.03	ng		91
20) 3+4-Methylphenols	7.18	107	337143	25.58	ng	#	59
22) Acetophenone	7.17	105	757633	40.16	ng	#	92
24) Nitrobenzene	7.34	77	703425	45.46	ng		97
25) Isophorone	7.58	82	1185370	42.34	ng		97
26) 2-Nitrophenol	7.65	139	270122	41.83	ng	#	79
27) 2,4-Dimethylphenol	7.71	122	425011	36.63	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	773670	49.00	ng		99
29) 2,4-Dichlorophenol	7.90	162	393468	37.52	ng		88
30) 1,2,4-Trichlorobenzene	7.98	180	436323	36.99	ng		98
31) Naphthalene	8.06	128	1503363	41.39	ng		99
32) Benzoic acid	7.80	122	88387	11.13	ng	#	74
33) 4-Chloroaniline	8.11	127	242138	15.47	ng	#	90
34) Hexachlorobutadiene	8.19	225	281901	38.19	ng		99
35) Caprolactam	8.48	113	20011	6.05	ng	#	92
36) 4-Chloro-3-methylphenol	8.60	107	398797	32.33	ng		93
37) 2-Methylnaphthalene	8.75	142	932433	39.68	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	404309	39.18	ng		97
40) Hexachlorocyclopentadiene	8.91	237	411385	74.21	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	314180	40.79	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	338551	44.44	ng		92
45) 1,1'-Biphenyl	9.22	154	1044034	38.75	ng		96
46) 2-Chloronaphthalene	9.24	162	870699	41.43	ng		96
47) 2-Nitroaniline	9.34	65	342111	43.88	ng	#	55
48) Acenaphthylene	9.65	152	1364485	41.42	ng		99
49) Dimethylphthalate	9.53	163	1029940	40.03	ng		99
50) 2,6-Dinitrotoluene	9.58	165	241969	44.08	ng		94
51) Acenaphthene	9.82	154	1002035	48.00	ng		99
52) 3-Nitroaniline	9.74	138	114160	18.91	ng		90
53) 2,4-Dinitrophenol	9.86	184	251385	83.41	ng	#	21
54) Dibenzofuran	10.01	168	1369772	48.67	ng	#	82
55) 4-Nitrophenol	9.93	139	139450	30.11	ng		90
56) 2,4-Dinitrotoluene	9.98	165	313236	42.06	ng		94
57) Fluorene	10.34	166	944766	41.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	266535	42.87	ng		92
59) Diethylphthalate	10.22	149	1099027	43.75	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	496356	43.52	ng		96
61) 4-Nitroaniline	10.36	138	190875	31.44	ng	#	77
62) Azobenzene	10.50	77	1344656	49.83	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	188766	42.53	ng		76
65) n-Nitrosodiphenylamine	10.46	169	918999	40.83	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	309548	41.26	ng		98
67) Hexachlorobenzene	10.89	284	334230	39.90	ng	#	88
68) Atrazine	10.99	200	279378	40.14	ng		98
69) Pentachlorophenol	11.09	266	386217	75.92	ng		98
70) Phenanthrene	11.30	178	1496156	41.35	ng		99
71) Anthracene	11.36	178	1642732	43.10	ng		98
72) Carbazole	11.50	167	1270876	38.09	ng		99
73) Di-n-butylphthalate	11.85	149	1626152	39.12	ng		99
74) Fluoranthene	12.49	202	1682483	43.33	ng		96
76) Benzidine	12.60	184	305577	20.38	ng		99
77) Pyrene	12.71	202	1632168	53.11	ng		98
79) Butylbenzylphthalate	13.35	149	787796	58.03	ng	#	79
80) Benzo(a)anthracene	13.89	228	1327642	47.45	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	181499	18.25	ng		99
82) Chrysene	13.94	228	1366061	53.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	965018	51.93	ng		99
84) Di-n-octyl phthalate	14.51	149	1620407	52.28	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	1036143	46.94	ng	#	96
87) Benzo(b)fluoranthene	14.91	252	1076595m	44.87	ng		
88) Benzo(k)fluoranthene	14.93	252	1010759m	47.49	ng		
89) Benzo(a)pyrene	15.24	252	952530	45.83	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	863045	49.03	ng	#	96
91) Benzo(g,h,i)perylene	17.04	276	874107	51.85	ng		97

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

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