Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090228.D
Acq On : 26 Sep 2016 18:24
Operator : UM/SJ
Sample : H4946-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04I-092216MS

Manual Integrations APPROVED
sohil
9/27/2016 1:06:47 PM

Quant Time: Sep 27 05:13:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	145764	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	598424	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	310822	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	510859	20.00	ng		0.00
75) Chrysene-d12	13.60	240	361041	20.00	ng		0.00
86) Perylene-d12	14.91	264	311693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	548591	61.35	ng		0.01
7) Phenol-d6	6.14	99	476944	43.19	ng		0.00
23) Nitrobenzene-d5	7.05	82	840053	81.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	321964	120.74	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1423765	89.93	ng		0.00
78) Terphenyl-d14	12.56	244	1065899	74.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	60727	12.52	ng	#	92
3) Pyridine	2.49	79	85815	8.16	ng		99
4) n-Nitrosodimethylamine	2.42	42	49857	15.88	ng		91
6) Aniline	6.14	93	260161	18.90	ng	#	72
8) 2-Chlorophenol	6.26	128	351606	34.17	ng		89
9) Benzaldehyde	6.01	77	246062	51.13	ng		95
10) Phenol	6.15	94	195488	14.97	ng	#	77
11) bis(2-Chloroethyl)ether	6.23	93	431072	42.34	ng		93
12) 1,3-Dichlorobenzene	6.41	146	390019	36.28	ng		95
13) 1,4-Dichlorobenzene	6.49	146	391211	35.64	ng		95
14) 1,2-Dichlorobenzene	6.65	146	394882	40.39	ng	#	94
15) Benzyl Alcohol	6.64	79	198246	30.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	472803	38.86	ng		93
17) 2-Methylphenol	6.76	107	232672	28.71	ng		98
18) Hexachloroethane	6.99	117	147197	37.60	ng	#	88
19) n-Nitroso-di-n-propylamine	6.91	70	289985	44.70	ng		97
20) 3+4-Methylphenols	6.92	107	278029	28.57	ng		96
22) Acetophenone	6.90	105	573681	39.75	ng	#	97
24) Nitrobenzene	7.07	77	411877	38.29	ng		93
25) Isophorone	7.32	82	829779	38.47	ng		95
26) 2-Nitrophenol	7.39	139	223521	42.20	ng		93
27) 2,4-Dimethylphenol	7.45	122	331641	35.24	ng		100
28) bis(2-Chloroethoxy)methane	7.54	93	521877	40.00	ng		100
29) 2,4-Dichlorophenol	7.64	162	316165	38.30	ng		99
30) 1,2,4-Trichlorobenzene	7.71	180	304753	36.96	ng		100
31) Naphthalene	7.79	128	1197083	42.01	ng		100
32) Benzoic acid	7.56	122	75985	11.76	ng		92
33) 4-Chloroaniline	7.85	127	240932	20.38	ng		96
34) Hexachlorobutadiene	7.92	225	170451	39.19	ng		99
35) Caprolactam	8.23	113	16913	6.19	ng		96
36) 4-Chloro-3-methylphenol	8.34	107	318031	34.09	ng		98
37) 2-Methylnaphthalene	8.48	142	682004	38.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	294304	41.25	ng		99
40) Hexachlorocyclopentadiene	8.64	237	273000	77.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	206162	40.55	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	220298	41.85	ng		97
45) 1,1'-Biphenyl	8.95	154	901080	40.52	ng		98
46) 2-Chloronaphthalene	8.97	162	732727	44.66	ng		93
47) 2-Nitroaniline	9.07	65	218264	44.13	ng		87
48) Acenaphthylene	9.37	152	1035533	38.87	ng		99
49) Dimethylphthalate	9.27	163	936418	47.30	ng		100
50) 2,6-Dinitrotoluene	9.31	165	185822	42.11	ng		99
51) Acenaphthene	9.54	154	635191	40.17	ng		97
52) 3-Nitroaniline	9.48	138	114179	22.07	ng		84
53) 2,4-Dinitrophenol	9.59	184	180485	73.40	ng	#	82
54) Dibenzofuran	9.71	168	947322	45.52	ng		93
55) 4-Nitrophenol	9.66	139	102777	29.00	ng		83
56) 2,4-Dinitrotoluene	9.71	165	206188	39.52	ng		92
57) Fluorene	10.06	166	653202	41.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	175053	44.42	ng		99
59) Diethylphthalate	9.95	149	805670	42.14	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	279463	39.07	ng		96
61) 4-Nitroaniline	10.09	138	185611	35.20	ng		88
62) Azobenzene	10.22	77	925518	46.50	ng		96
64) 4,6-Dinitro-2-methylphenol	10.12	198	137180	42.87	ng		88
65) n-Nitrosodiphenylamine	10.18	169	681663	40.58	ng		100
66) 4-Bromophenyl-phenylether	10.54	248	202058	40.19	ng	#	74
67) Hexachlorobenzene	10.60	284	249555	42.59	ng	#	85
68) Atrazine	10.72	200	212167	46.09	ng		98
69) Pentachlorophenol	10.80	266	254155	76.43	ng		98
70) Phenanthrene	11.00	178	990958	41.48	ng		99
71) Anthracene	11.06	178	1118922	44.65	ng		99
72) Carbazole	11.22	167	1097960	41.45	ng		98
73) Di-n-butylphthalate	11.56	149	1206613	39.17	ng		100
74) Fluoranthene	12.18	202	1152427	44.94	ng		94
76) Benzidine	12.31	184	112007	9.27	ng		98
77) Pyrene	12.40	202	1012605	40.99	ng		99
79) Butylbenzylphthalate	13.05	149	583255	48.26	ng		94
80) Benzo(a)anthracene	13.59	228	890491	45.84	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	219810	27.44	ng	#	97
82) Chrysene	13.62	228	826343	43.67	ng		100
83) Bis(2-ethylhexyl)phthalate	13.61	149	677749	43.82	ng		99
84) Di-n-octyl phthalate	14.22	149	1201857	45.11	ng		98
85) Indeno(1,2,3-cd)pyrene	16.06	276	756036	49.42	ng		97
87) Benzo(b)fluoranthene	14.57	252	719725m	41.70	ng		
88) Benzo(k)fluoranthene	14.59	252	683950m	42.22	ng		
89) Benzo(a)pyrene	14.87	252	696265	42.88	ng		98
90) Dibenzo(a,h)anthracene	16.08	278	635845	50.19	ng		96
91) Benzo(g,h,i)perylene	16.40	276	651704	52.55	ng		97

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

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