Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101155.D
Acq On : 6 Dec 2017 6:01
Operator : SJ/JU
Sample : I6702-12MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:48 PM

Quant Time: Dec 06 07:10:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53837	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	203350	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	92257	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	167785	20.00	ng		0.00
75) Chrysene-d12	14.02	240	104552	20.00	ng		0.00
86) Perylene-d12	15.49	264	112450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	307095	94.26	ng		0.01
7) Phenol-d6	6.49	99	365637	92.44	ng		0.00
23) Nitrobenzene-d5	7.42	82	225599	66.18	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	94696	85.44	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	460322	68.27	ng		0.00
78) Terphenyl-d14	12.96	244	365746	76.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	40787	30.275	ng		97
3) Pyridine	3.48	79	79965m	22.896	ng		
4) n-Nitrosodimethylamine	3.42	42	57463	33.687	ng	#	90
6) Aniline	6.52	93	54613	10.617	ng		98
8) 2-Chlorophenol	6.63	128	117610	33.108	ng		95
9) Benzaldehyde	6.40	77	44576	18.412	ng		98
10) Phenol	6.50	94	143374	32.598	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	104305	31.616	ng		99
12) 1,3-Dichlorobenzene	6.79	146	134613	32.544	ng		99
13) 1,4-Dichlorobenzene	6.86	146	138486	32.338	ng		97
14) 1,2-Dichlorobenzene	7.02	146	129018	32.299	ng		97
15) Benzyl Alcohol	6.99	79	99488	32.565	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	164041	36.580	ng		92
17) 2-Methylphenol	7.10	107	94605	32.981	ng		98
18) Hexachloroethane	7.36	117	41835	30.406	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	79213	29.736	ng		95
20) 3+4-Methylphenols	7.26	107	120137	32.114	ng	#	63
22) Acetophenone	7.26	105	155094	31.569	ng	#	90
24) Nitrobenzene	7.43	77	115142	34.464	ng		98
25) Isophorone	7.67	82	207502	35.636	ng		99
26) 2-Nitrophenol	7.75	139	60190	32.819	ng		99
27) 2,4-Dimethylphenol	7.78	122	100330	37.816	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	130280	33.290	ng		98
29) 2,4-Dichlorophenol	7.99	162	100568	34.824	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	109236	34.400	ng		95
31) Naphthalene	8.15	128	336597	33.585	ng		99
32) Benzoic acid	7.87	122	12072m	5.850	ng		
33) 4-Chloroaniline	8.20	127	28279	7.023	ng		96
34) Hexachlorobutadiene	8.26	225	64527	33.131	ng		95
35) Caprolactam	8.57	113	25686m	28.540	ng		
36) 4-Chloro-3-methylphenol	8.69	107	99421	33.235	ng		95
37) 2-Methylnaphthalene	8.85	142	228684	33.581	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	104333	31.130	ng	#	95
40) Hexachlorocyclopentadiene	8.99	237	27019	28.031	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	69186	35.215 ng		97
43) 2,4,5-Trichlorophenol	9.17	196	72870	34.693 ng	#	91
45) 1,1'-Biphenyl	9.30	154	265177	31.372 ng		97
46) 2-Chloronaphthalene	9.33	162	213898	35.633 ng		96
47) 2-Nitroaniline	9.43	65	60627	34.136 ng		98
48) Acenaphthylene	9.75	152	321621	32.602 ng		99
49) Dimethylphthalate	9.60	163	272175	36.581 ng		99
50) 2,6-Dinitrotoluene	9.67	165	52524	33.517 ng		93
51) Acenaphthene	9.92	154	185918	31.473 ng		99
52) 3-Nitroaniline	9.85	138	33260	18.873 ng		90
53) 2,4-Dinitrophenol	9.96	184	10863	17.494 ng	#	16
54) Dibenzofuran	10.09	168	278707	32.740 ng		98
55) 4-Nitrophenol	10.01	139	63767	53.653 ng		97
56) 2,4-Dinitrotoluene	10.08	165	66775	31.795 ng	#	95
57) Fluorene	10.44	166	224054	32.377 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	56226	33.433 ng	#	86
59) Diethylphthalate	10.30	149	233623	31.835 ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	110036	32.205 ng	#	87
61) 4-Nitroaniline	10.46	138	47387	25.904 ng		89
62) Azobenzene	10.59	77	199175	31.981 ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	14196	12.614 ng		83
65) n-Nitrosodiphenylamine	10.55	169	199932	33.776 ng		97
66) 4-Bromophenyl-phenylether	10.92	248	66641	35.484 ng	#	85
67) Hexachlorobenzene	10.99	284	67000	33.287 ng	#	88
68) Atrazine	11.07	200	64582	35.568 ng		97
69) Pentachlorophenol	11.18	266	54715	49.438 ng		96
70) Phenanthrene	11.40	178	304937	33.002 ng		98
71) Anthracene	11.45	178	313864	33.563 ng		99
72) Carbazole	11.61	167	264842	30.997 ng		99
73) Di-n-butylphthalate	11.93	149	355919	33.234 ng		98
74) Fluoranthene	12.59	202	280960	27.432 ng		93
76) Benzidine	12.71	184	29557	8.694 ng		97
77) Pyrene	12.82	202	273588	37.922 ng		99
79) Butylbenzylphthalate	13.43	149	116228	36.541 ng		94
80) Benzo(a)anthracene	14.01	228	218794	33.144 ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	62886	27.507 ng	#	96
82) Chrysene	14.04	228	209570	34.184 ng		97
83) Bis(2-ethylhexyl)phthalate	13.98	149	159964	35.271 ng		98
84) Di-n-octyl phthalate	14.59	149	241501	31.982 ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	202683	37.186 ng	#	92
87) Benzo(b)fluoranthene	15.06	252	210490m	31.251 ng		
88) Benzo(k)fluoranthene	15.09	252	208612	31.437 ng	#	96
89) Benzo(a)pyrene	15.43	252	203152	33.176 ng		97
90) Dibenzo(a,h)anthracene	16.99	278	176733	32.738 ng	#	93
91) Benzo(g,h,i)perylene	17.43	276	158196	31.095 ng	#	91

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

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