Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092526.D
Acq On : 26 Jan 2017 15:27
Operator : SJ/MA
Sample : I1312-03MSD 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CAS-SB-01-0-2MSD

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:32 PM

Quant Time: Jan 27 00:46:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	133419	20.00	ng		0.01
21) Naphthalene-d8	8.27	136	480670	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	228058	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	348712	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	260913	20.00	ng		0.00
86) Perylene-d12	15.65	264	185383	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	529190	61.71	ng		0.01
7) Phenol-d6	6.59	99	644263	58.98	ng		0.00
23) Nitrobenzene-d5	7.54	82	402332	45.72	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	95809	61.65	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	545530	44.23	ng		-0.01
78) Terphenyl-d14	13.11	244	472531	48.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	81917	17.96	ng	#	81
3) Pyridine	3.39	79	215980	16.63	ng	#	82
4) n-Nitrosodimethylamine	3.32	42	122623	19.25	ng	#	86
6) Aniline	6.62	93	130549	8.01	ng	#	49
8) 2-Chlorophenol	6.75	128	182252	20.23	ng		87
9) Benzaldehyde	6.51	77	144187	18.60	ng		85
10) Phenol	6.60	94	250133	18.97	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	220720	22.38	ng		98
12) 1,3-Dichlorobenzene	6.91	146	209264m	19.64	ng		
13) 1,4-Dichlorobenzene	6.99	146	221622	20.67	ng		97
14) 1,2-Dichlorobenzene	7.15	146	195236m	19.19	ng		
15) Benzyl Alcohol	7.10	79	156004	18.95	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	360432	18.47	ng		91
17) 2-Methylphenol	7.22	107	149119	19.38	ng		97
18) Hexachloroethane	7.49	117	40974	11.09	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	133306	17.92	ng	#	88
20) 3+4-Methylphenols	7.38	107	194046	20.78	ng	#	81
22) Acetophenone	7.38	105	265582	23.20	ng	#	85
24) Nitrobenzene	7.55	77	186081	20.19	ng		92
25) Isophorone	7.80	82	354942	20.47	ng		97
26) 2-Nitrophenol	7.88	139	44783	11.59	ng	#	81
27) 2,4-Dimethylphenol	7.92	122	168312	20.95	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	228192	20.05	ng		98
29) 2,4-Dichlorophenol	8.12	162	140793	20.21	ng		96
30) 1,2,4-Trichlorobenzene	8.21	180	149636	19.88	ng		98
31) Naphthalene	8.29	128	490261	19.93	ng		98
33) 4-Chloroaniline	8.34	127	112318	10.79	ng		94
34) Hexachlorobutadiene	8.41	225	87026	21.13	ng		99
35) Caprolactam	8.68	113	42834	18.42	ng	#	31
36) 4-Chloro-3-methylphenol	8.82	107	135273	18.01	ng		86
37) 2-Methylnaphthalene	8.98	142	320902	20.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	140772	24.47	ng		98
42) 2,4,6-Trichlorophenol	9.26	196	93146	21.13	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	86535	21.46	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.45	154	374976	22.75	ng		96
46) 2-Chloronaphthalene	9.47	162	260104	19.32	ng		94
47) 2-Nitroaniline	9.56	65	98893	21.81	ng	#	82
48) Acenaphthylene	9.89	152	438852	22.22	ng		98
49) Dimethylphthalate	9.74	163	354053	24.41	ng		100
50) 2,6-Dinitrotoluene	9.81	165	41913	14.14	ng	#	78
51) Acenaphthene	10.06	154	259780	21.17	ng		96
52) 3-Nitroaniline	9.97	138	76337	20.56	ng		97
54) Dibenzofuran	10.24	168	389156	23.35	ng		93
55) 4-Nitrophenol	10.13	139	94638	32.10	ng	#	71
56) 2,4-Dinitrotoluene	10.21	165	51290	13.04	ng	#	73
57) Fluorene	10.58	166	286953	23.22	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	69164	22.89	ng		99
59) Diethylphthalate	10.45	149	295700	21.26	ng		94
60) 4-Chlorophenyl-phenylether	10.57	204	125372	20.92	ng		98
61) 4-Nitroaniline	10.59	138	84302	22.70	ng		79
62) Azobenzene	10.73	77	289571	18.30	ng		95
65) n-Nitrosodiphenylamine	10.68	169	242051	22.23	ng		98
66) 4-Bromophenyl-phenylether	11.06	248	71497	20.31	ng	#	88
67) Hexachlorobenzene	11.13	284	72220	20.29	ng	#	85
68) Atrazine	11.22	200	68867	18.48	ng		93
69) Pentachlorophenol	11.32	266	84410	37.10	ng		97
70) Phenanthrene	11.54	178	448593	23.36	ng		98
71) Anthracene	11.60	178	463065	24.67	ng		98
72) Carbazole	11.74	167	388114	21.66	ng		99
73) Di-n-butylphthalate	12.08	149	466830	22.78	ng		98
74) Fluoranthene	12.74	202	530713	28.25	ng		91
76) Benzidine	12.85	184	62383	6.44	ng	#	95
77) Pyrene	12.97	202	533148	28.20	ng		98
79) Butylbenzylphthalate	13.59	149	201414	26.30	ng		87
80) Benzo(a)anthracene	14.16	228	323467	23.07	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	72957	13.70	ng	#	92
82) Chrysene	14.19	228	320537m	21.40	ng		
83) Bis(2-ethylhexyl)phthalate	14.15	149	272213	28.22	ng	#	97
84) Di-n-octyl phthalate	14.76	149	395168	22.57	ng	#	74
85) Indeno(1,2,3-cd)pyrene	17.15	276	233295	21.06	ng	#	94
87) Benzo(b)fluoranthene	15.22	252	289227m	24.30	ng		
88) Benzo(k)fluoranthene	15.24	252	231959m	23.44	ng		
89) Benzo(a)pyrene	15.60	252	228570	22.70	ng	#	92
90) Dibenzo(a,h)anthracene	17.17	278	190002	23.34	ng	#	89
91) Benzo(g,h,i)perylene	17.61	276	191906	23.31	ng	#	89

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

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