Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107327.D
Acq On : 12 Jul 2018 4:00
Operator : JU/SJ
Sample : PB111003BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Manual Integrations APPROVED
Sohil
7/12/2018 2:19:57 PM

Quant Time: Jul 12 07:34:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52246	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	179553	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	84177	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	162408	20.00	ng		0.00
75) Chrysene-d12	14.14	240	132229	20.00	ng		0.00
86) Perylene-d12	15.67	264	97034	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	306405	99.31	ng		0.01
7) Phenol-d6	6.58	99	359340	93.26	ng		0.00
23) Nitrobenzene-d5	7.50	82	330811	102.39	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	97923	100.37	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	569960	120.82	ng		0.00
78) Terphenyl-d14	13.07	244	666413	122.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	63445	39.997	ng		98
3) Pyridine	3.60	79	186550	43.364	ng		97
4) n-Nitrosodimethylamine	3.57	42	77467	42.397	ng		86
6) Aniline	6.60	93	174534	33.393	ng	#	59
8) 2-Chlorophenol	6.73	128	161751	47.797	ng		96
9) Benzaldehyde	6.49	77	71251	24.430	ng		98
10) Phenol	6.60	94	196575	44.704	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	166353	45.825	ng		99
12) 1,3-Dichlorobenzene	6.87	146	189030	47.692	ng		98
13) 1,4-Dichlorobenzene	6.95	146	191761	47.854	ng		97
14) 1,2-Dichlorobenzene	7.10	146	175160	47.696	ng		98
15) Benzyl Alcohol	7.08	79	128839	41.643	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	228890	48.056	ng	#	28
17) 2-Methylphenol	7.20	107	133149	45.976	ng	#	90
18) Hexachloroethane	7.44	117	46367	32.904	ng	#	82
19) n-Nitroso-di-n-propylamine	7.34	70	114997	45.277	ng		94
20) 3+4-Methylphenols	7.35	107	171494	60.709	ng		96
22) Acetophenone	7.34	105	220651	54.929	ng	#	99
24) Nitrobenzene	7.52	77	168911	51.207	ng		97
25) Isophorone	7.75	82	312630	54.912	ng		98
26) 2-Nitrophenol	7.84	139	65465	42.041	ng		95
27) 2,4-Dimethylphenol	7.87	122	141721	58.882	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	202653	53.014	ng		98
29) 2,4-Dichlorophenol	8.08	162	135775	53.883	ng		96
30) 1,2,4-Trichlorobenzene	8.15	180	155837	56.140	ng		96
31) Naphthalene	8.24	128	438172	52.197	ng		99
32) Benzoic acid	8.01	122	48599m	30.176	ng		
33) 4-Chloroaniline	8.29	127	119227	33.849	ng		98
34) Hexachlorobutadiene	8.34	225	105936	58.569	ng		98
35) Caprolactam	8.68	113	40711	49.564	ng		95
36) 4-Chloro-3-methylphenol	8.79	107	133119	50.190	ng		98
37) 2-Methylnaphthalene	8.93	142	313204	56.289	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	158889	56.049	ng	#	95
42) 2,4,6-Trichlorophenol	9.22	196	88312	46.866	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	88561	45.040	ng	#	85
45) 1,1'-Biphenyl	9.40	154	364968	54.404	ng		99
46) 2-Chloronaphthalene	9.43	162	263776	49.952	ng		94
47) 2-Nitroaniline	9.53	65	87947	49.528	ng		93
48) Acenaphthylene	9.85	152	405053	48.585	ng		99
49) Dimethylphthalate	9.70	163	308748	48.904	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	61487	45.993	ng		91
51) Acenaphthene	10.02	154	242069	46.110	ng		98
52) 3-Nitroaniline	9.95	138	78867	51.266	ng		98
53) 2,4-Dinitrophenol	10.08	184	2676	8.945	ng	#	15
54) Dibenzofuran	10.19	168	369233	51.363	ng		95
55) 4-Nitrophenol	10.14	139	56304	52.433	ng		97
56) 2,4-Dinitrotoluene	10.18	165	70451	40.373	ng	#	96
57) Fluorene	10.54	166	293626	51.473	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	73721	47.166	ng	#	78
59) Diethylphthalate	10.40	149	297168	48.768	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	154514	51.768	ng	#	85
61) 4-Nitroaniline	10.57	138	75979	49.765	ng		93
62) Azobenzene	10.68	77	272669	45.441	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	5675	5.653	ng		78
65) n-Nitrosodiphenylamine	10.64	169	253217	46.354	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	103275	53.283	ng	#	79
67) Hexachlorobenzene	11.09	284	107257	52.871	ng	#	82
68) Atrazine	11.17	200	79090	45.543	ng		97
69) Pentachlorophenol	11.30	266	38228	37.767	ng		97
70) Phenanthrene	11.51	178	433407	55.329	ng		99
71) Anthracene	11.56	178	439466	54.964	ng		100
72) Carbazole	11.72	167	394498	52.700	ng		97
73) Di-n-butylphthalate	12.02	149	450690	51.105	ng		99
74) Fluoranthene	12.70	202	488399	56.568	ng		96
76) Benzidine	12.82	184	375309	99.661	ng		98
77) Pyrene	12.94	202	492581	56.491	ng		100
79) Butylbenzylphthalate	13.53	149	196313	54.759	ng	#	94
80) Benzo(a)anthracene	14.13	228	432159	53.624	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	156157	55.132	ng	#	96
82) Chrysene	14.17	228	397633	53.631	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	255517	55.748	ng		98
84) Di-n-octyl phthalate	14.70	149	461309	61.746	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	310165	49.296	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	339066	56.251	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	308318	53.712	ng	#	95
89) Benzo(a)pyrene	15.61	252	301076	56.187	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	262409	57.783	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	263891	59.452	ng	#	90

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

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