Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107326.D
Acq On : 12 Jul 2018 3:34
Operator : JU/SJ
Sample : PB111003BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111003BS

Manual Integrations APPROVED
Sohil
7/12/2018 2:19:55 PM

Quant Time: Jul 12 07:32:48 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	56010	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	199435	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	94026	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	176449	20.00	ng		0.00
75) Chrysene-d12	14.14	240	138500	20.00	ng		0.00
86) Perylene-d12	15.67	264	111453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	317358	95.94	ng		0.01
7) Phenol-d6	6.58	99	379208	91.80	ng		0.00
23) Nitrobenzene-d5	7.50	82	348865	97.21	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	104596	95.98	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	599591	112.75	ng		0.00
78) Terphenyl-d14	13.07	244	679299	118.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	64206	37.756	ng		97
3) Pyridine	3.60	79	189379	41.063	ng		98
4) n-Nitrosodimethylamine	3.57	42	79743	40.710	ng		82
6) Aniline	6.60	93	173678	30.996	ng	#	48
8) 2-Chlorophenol	6.73	128	166376	45.860	ng		96
9) Benzaldehyde	6.49	77	72590	22.992	ng		95
10) Phenol	6.60	94	205000	43.487	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	169343	43.514	ng		99
12) 1,3-Dichlorobenzene	6.87	146	196218	46.178	ng		97
13) 1,4-Dichlorobenzene	6.95	146	195040	45.402	ng		98
14) 1,2-Dichlorobenzene	7.10	146	179296	45.541	ng		99
15) Benzyl Alcohol	7.08	79	135579	40.877	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	233844	45.797	ng	#	22
17) 2-Methylphenol	7.20	107	139499	44.932	ng	#	87
18) Hexachloroethane	7.44	117	50646	33.525	ng	#	88
19) n-Nitroso-di-n-propylamine	7.34	70	116753	42.879	ng		94
20) 3+4-Methylphenols	7.35	107	182402	59.911	ng		97
22) Acetophenone	7.34	105	229889	51.523	ng	#	98
24) Nitrobenzene	7.52	77	176886	48.278	ng		96
25) Isophorone	7.75	82	330171	52.211	ng		98
26) 2-Nitrophenol	7.84	139	70102	40.531	ng		95
27) 2,4-Dimethylphenol	7.87	122	150603	56.335	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	212926	50.148	ng		98
29) 2,4-Dichlorophenol	8.08	162	145225	51.888	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	163072	52.890	ng		97
31) Naphthalene	8.24	128	462949	49.650	ng		100
32) Benzoic acid	8.01	122	52466m	29.490	ng		
33) 4-Chloroaniline	8.29	127	108342	27.692	ng		97
34) Hexachlorobutadiene	8.34	225	108247	53.880	ng		99
35) Caprolactam	8.68	113	45088m	49.420	ng		
36) 4-Chloro-3-methylphenol	8.79	107	143012	48.545	ng		99
37) 2-Methylnaphthalene	8.94	142	330001	53.396	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	170384	53.808	ng	#	96
42) 2,4,6-Trichlorophenol	9.22	196	95235	45.246	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	95557	43.508	ng	#	88
45) 1,1'-Biphenyl	9.40	154	389904	52.033	ng		99
46) 2-Chloronaphthalene	9.43	162	277344	47.020	ng		95
47) 2-Nitroaniline	9.54	65	94516	47.652	ng		99
48) Acenaphthylene	9.85	152	432551	46.449	ng		100
49) Dimethylphthalate	9.70	163	333988	47.360	ng		98
50) 2,6-Dinitrotoluene	9.77	165	68392	45.799	ng		95
51) Acenaphthene	10.02	154	256984	43.823	ng		97
52) 3-Nitroaniline	9.95	138	81466	47.408	ng		99
53) 2,4-Dinitrophenol	10.08	184	8365	15.406	ng	#	22
54) Dibenzofuran	10.19	168	380820	47.426	ng		98
55) 4-Nitrophenol	10.14	139	55121	45.955	ng		96
56) 2,4-Dinitrotoluene	10.19	165	76127	39.056	ng		91
57) Fluorene	10.54	166	311281	48.852	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	76803	43.991	ng	#	75
59) Diethylphthalate	10.40	149	323671	47.554	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	167521	50.247	ng	#	86
61) 4-Nitroaniline	10.57	138	77346	45.353	ng		95
62) Azobenzene	10.68	77	294435	43.928	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	11965	10.970	ng	#	67
65) n-Nitrosodiphenylamine	10.64	169	270332	45.549	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	110196	52.329	ng	#	78
67) Hexachlorobenzene	11.09	284	115028	52.190	ng	#	82
68) Atrazine	11.17	200	85617	45.379	ng		93
69) Pentachlorophenol	11.30	266	38265	34.795	ng		98
70) Phenanthrene	11.51	178	444951	52.283	ng		99
71) Anthracene	11.56	178	461297	53.104	ng		99
72) Carbazole	11.72	167	406505	49.983	ng		98
73) Di-n-butylphthalate	12.02	149	478203	49.910	ng		98
74) Fluoranthene	12.70	202	490819	52.325	ng		96
76) Benzidine	12.82	184	358282	90.832	ng		97
77) Pyrene	12.94	202	492349	53.908	ng		100
79) Butylbenzylphthalate	13.53	149	197162	52.505	ng	#	93
80) Benzo(a)anthracene	14.13	228	437195	51.793	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	154633	52.122	ng	#	96
82) Chrysene	14.17	228	404227	52.052	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	252335	52.561	ng		96
84) Di-n-octyl phthalate	14.70	149	449417	57.430	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	322366	48.915	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	362459	52.353	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	328944	49.892	ng	#	94
89) Benzo(a)pyrene	15.61	252	320266	52.036	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	270009	51.765	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	266011	52.176	ng	#	90

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

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