Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107397.D
Acq On : 14 Jul 2018 5:47
Operator : JU/SJ
Sample : PB111110BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111110BS

Manual Integrations APPROVED
Sohil
7/16/2018 3:22:47 PM

Quant Time: Jul 14 06:53:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	45753	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	153576	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	69907	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	148019	20.00	ng		0.00
75) Chrysene-d12	14.13	240	131253	20.00	ng		0.00
86) Perylene-d12	15.67	264	97171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	272079	100.70	ng		0.00
7) Phenol-d6	6.58	99	305630	90.58	ng		0.00
23) Nitrobenzene-d5	7.50	82	281045	101.70	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	84691	104.53	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	476904	121.87	ng		0.00
78) Terphenyl-d14	13.06	244	625332	115.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	55146	39.698	ng		97
3) Pyridine	3.60	79	153340	40.702	ng		97
4) n-Nitrosodimethylamine	3.57	42	64011	40.004	ng		87
6) Aniline	6.60	93	96170	21.011	ng	#	66
8) 2-Chlorophenol	6.72	128	127961	43.178	ng		96
9) Benzaldehyde	6.48	77	78928	32.776	ng		98
10) Phenol	6.59	94	156124	40.543	ng		85
11) bis(2-Chloroethyl)ether	6.66	93	132468	41.669	ng		100
12) 1,3-Dichlorobenzene	6.87	146	155006	44.657	ng		99
13) 1,4-Dichlorobenzene	6.94	146	154084	43.909	ng		99
14) 1,2-Dichlorobenzene	7.10	146	143483	44.615	ng		97
15) Benzyl Alcohol	7.08	79	98951	36.522	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	181841	43.596	ng	#	27
17) 2-Methylphenol	7.20	107	105184	41.474	ng	#	88
18) Hexachloroethane	7.43	117	42869	34.739	ng	#	87
19) n-Nitroso-di-n-propylamine	7.34	70	89503	40.241	ng		93
20) 3+4-Methylphenols	7.35	107	136323	52.075	ng		95
22) Acetophenone	7.34	105	176697	51.427	ng	#	96
24) Nitrobenzene	7.52	77	130021	46.084	ng		98
25) Isophorone	7.75	82	237218	48.714	ng		96
26) 2-Nitrophenol	7.83	139	53450	40.131	ng		97
27) 2,4-Dimethylphenol	7.87	122	108251	52.584	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	152744	46.716	ng		98
29) 2,4-Dichlorophenol	8.08	162	101160	46.936	ng		92
30) 1,2,4-Trichlorobenzene	8.15	180	118418	49.875	ng		97
31) Naphthalene	8.23	128	344150	47.931	ng		98
32) Benzoic acid	8.00	122	35345m	26.517	ng		
33) 4-Chloroaniline	8.29	127	51670	17.150	ng		98
34) Hexachlorobutadiene	8.34	225	81519	52.692	ng		99
35) Caprolactam	8.67	113	29929	42.600	ng		98
36) 4-Chloro-3-methylphenol	8.78	107	99778	43.983	ng		96
37) 2-Methylnaphthalene	8.93	142	239086	50.237	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	123250	52.352	ng	#	96
42) 2,4,6-Trichlorophenol	9.22	196	66774	42.670	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	64903m	39.746	ng		
45) 1,1'-Biphenyl	9.39	154	279930	50.245	ng		99
46) 2-Chloronaphthalene	9.42	162	201718	45.998	ng		94
47) 2-Nitroaniline	9.53	65	66914	45.376	ng		98
48) Acenaphthylene	9.84	152	311956	45.057	ng		99
49) Dimethylphthalate	9.69	163	230636	43.988	ng		98
50) 2,6-Dinitrotoluene	9.77	165	48246	43.455	ng		90
51) Acenaphthene	10.01	154	190449	43.682	ng		97
52) 3-Nitroaniline	9.94	138	51687	40.456	ng		100
53) 2,4-Dinitrophenol	10.09	184	1753	8.187	ng	#	20
54) Dibenzofuran	10.18	168	288616	48.344	ng		96
55) 4-Nitrophenol	10.13	139	35801	40.145	ng		97
56) 2,4-Dinitrotoluene	10.18	165	57737	39.841	ng	#	90
57) Fluorene	10.53	166	231895	48.950	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	60340	46.485	ng	#	76
59) Diethylphthalate	10.39	149	221786	43.827	ng	#	93
60) 4-Chlorophenyl-phenylether	10.51	204	121023	48.824	ng	#	83
61) 4-Nitroaniline	10.57	138	58328	46.002	ng		90
62) Azobenzene	10.68	77	212218	42.586	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	3848	4.206	ng		84
65) n-Nitrosodiphenylamine	10.64	169	196448	39.458	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	79854	45.204	ng	#	76
67) Hexachlorobenzene	11.08	284	86674	46.878	ng	#	87
68) Atrazine	11.16	200	67931	42.920	ng		96
69) Pentachlorophenol	11.29	266	27706m	30.032	ng		
70) Phenanthrene	11.50	178	352280	49.344	ng		99
71) Anthracene	11.55	178	364788	50.060	ng		99
72) Carbazole	11.71	167	332873	48.791	ng		98
73) Di-n-butylphthalate	12.01	149	366194	45.561	ng		99
74) Fluoranthene	12.70	202	419944	53.368	ng		96
76) Benzidine	12.82	184	217597	58.211	ng		98
77) Pyrene	12.93	202	425391	49.148	ng		99
79) Butylbenzylphthalate	13.52	149	166670	46.836	ng	#	92
80) Benzo(a)anthracene	14.12	228	385165	48.149	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	123597	43.961	ng	#	97
82) Chrysene	14.16	228	353219	47.995	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	222681	48.946	ng	#	96
84) Di-n-octyl phthalate	14.69	149	389042	52.460	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	270589	43.326	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	302675	50.143	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	272028	47.324	ng	#	96
89) Benzo(a)pyrene	15.60	252	262437	48.907	ng	#	96
90) Dibenzo(a,h)anthracene	17.26	278	227211	49.962	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	226052	50.856	ng	#	90

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

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