Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106438.D
Acq On : 14 Jun 2018 13:29
Operator : JU/SJ
Sample : PB110197BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Manual Integrations APPROVED
Sohil
6/15/2018 11:16:44 AM

Quant Time: Jun 14 18:49:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125485	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	473031	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	226544	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	461558	20.00	ng		0.00
75) Chrysene-d12	14.17	240	383846	20.00	ng		0.00
86) Perylene-d12	15.71	264	302072	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	942570	127.13	ng		0.00
7) Phenol-d6	6.61	99	1116823	119.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	804281	100.02	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	368129	168.89	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1340888	118.47	ng		0.00
78) Terphenyl-d14	13.09	244	1535653	99.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	138678	36.141	ng		95
3) Pyridine	3.65	79	419824	39.262	ng		98
4) n-Nitrosodimethylamine	3.61	42	186228	38.017	ng		92
6) Aniline	6.63	93	256100	18.723	ng	#	1
8) 2-Chlorophenol	6.77	128	354647	44.481	ng		98
9) Benzaldehyde	6.52	77	168228	23.677	ng		99
10) Phenol	6.63	94	445013	43.518	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	365419	41.743	ng		97
12) 1,3-Dichlorobenzene	6.91	146	401373	42.773	ng		99
13) 1,4-Dichlorobenzene	6.98	146	406652	42.704	ng		99
14) 1,2-Dichlorobenzene	7.14	146	379007	42.279	ng		99
15) Benzyl Alcohol	7.11	79	330317	41.177	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	531850	42.383	ng	#	43
17) 2-Methylphenol	7.23	107	298862	42.013	ng	#	89
18) Hexachloroethane	7.48	117	145909	43.002	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	250626	35.663	ng		96
20) 3+4-Methylphenols	7.38	107	393310	43.235	ng		95
22) Acetophenone	7.37	105	497119	41.702	ng	#	97
24) Nitrobenzene	7.55	77	407590	46.637	ng		95
25) Isophorone	7.78	82	726565	46.261	ng		97
26) 2-Nitrophenol	7.87	139	202229	59.615	ng		99
27) 2,4-Dimethylphenol	7.91	122	327499	49.256	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	457864	44.960	ng		99
29) 2,4-Dichlorophenol	8.12	162	320859	50.021	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	328236	45.638	ng		93
31) Naphthalene	8.27	128	997654	46.655	ng		98
32) Benzoic acid	8.02	122	206289m	42.967	ng		
33) 4-Chloroaniline	8.32	127	108716	11.472	ng		98
34) Hexachlorobutadiene	8.38	225	211869	45.853	ng		99
35) Caprolactam	8.69	113	109674m	50.549	ng		
36) 4-Chloro-3-methylphenol	8.82	107	335285	47.254	ng		99
37) 2-Methylnaphthalene	8.97	142	692946	47.578	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	349911	47.579	ng		98
40) Hexachlorocyclopentadiene	9.11	237	418596	103.164	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	243375	51.929	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	247706	49.027	ng	#	93
45) 1,1'-Biphenyl	9.42	154	816894	46.555	ng		99
46) 2-Chloronaphthalene	9.45	162	662291	47.164	ng		98
47) 2-Nitroaniline	9.55	65	230007	52.068	ng		96
48) Acenaphthylene	9.87	152	1045784	48.656	ng		98
49) Dimethylphthalate	9.72	163	773906	47.815	ng		99
50) 2,6-Dinitrotoluene	9.79	165	174520	52.787	ng		94
51) Acenaphthene	10.04	154	610167	43.958	ng		99
52) 3-Nitroaniline	9.96	138	84668	21.577	ng		94
53) 2,4-Dinitrophenol	10.07	184	179647	114.221	ng	#	16
54) Dibenzofuran	10.22	168	892942	47.773	ng		98
55) 4-Nitrophenol	10.15	139	262536	87.288	ng		96
56) 2,4-Dinitrotoluene	10.20	165	237474	57.199	ng	#	99
57) Fluorene	10.56	166	693725	46.844	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	215391	53.788	ng	#	84
59) Diethylphthalate	10.42	149	736844	45.867	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	352240	45.222	ng		90
61) 4-Nitroaniline	10.58	138	191999	50.291	ng		98
62) Azobenzene	10.71	77	772636	46.124	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	127923	50.935	ng		75
65) n-Nitrosodiphenylamine	10.67	169	664649	42.847	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	248093	47.259	ng	#	81
67) Hexachlorobenzene	11.11	284	261709	48.356	ng	#	86
68) Atrazine	11.20	200	229814	48.074	ng		96
69) Pentachlorophenol	11.31	266	236552	70.992	ng		99
70) Phenanthrene	11.52	178	1041641	46.082	ng		98
71) Anthracene	11.58	178	1095808	48.390	ng		97
72) Carbazole	11.74	167	978183	46.789	ng		98
73) Di-n-butylphthalate	12.05	149	1104212	47.456	ng		99
74) Fluoranthene	12.72	202	1165764	48.359	ng		97
76) Benzidine	12.84	184	304065	23.802	ng		98
77) Pyrene	12.95	202	1187881	49.431	ng		97
79) Butylbenzylphthalate	13.56	149	486329	54.064	ng	#	96
80) Benzo(a)anthracene	14.15	228	1079876	47.275	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	178752	23.193	ng	#	96
82) Chrysene	14.19	228	992277	47.579	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	610652	47.345	ng		99
84) Di-n-octyl phthalate	14.77	149	853871	45.921	ng		98
85) Indeno(1,2,3-cd)pyrene	17.29	276	940644	56.515	ng	#	93
87) Benzo(b)fluoranthene	15.26	252	875165	47.928	ng		97
88) Benzo(k)fluoranthene	15.29	252	761540	42.111	ng	#	96
89) Benzo(a)pyrene	15.65	252	803969	48.951	ng	#	97
90) Dibenzo(a,h)anthracene	17.31	278	767014	56.016	ng		95
91) Benzo(g,h,i)perylene	17.77	276	813421	61.128	ng	#	92

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

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