Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108542.D
Acq On : 28 Aug 2018 6:25
Operator : JU/SJ
Sample : PB112391BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Manual Integrations APPROVED
Sohil
8/28/2018 12:16:48 PM

Quant Time: Aug 28 07:13:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111251	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	394294	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	169333	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	276954	20.00	ng		0.00
75) Chrysene-d12	14.19	240	257395	20.00	ng		0.00
86) Perylene-d12	15.74	264	187788	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	567821	92.40	ng		0.00
7) Phenol-d6	6.62	99	755541	92.53	ng		0.00
23) Nitrobenzene-d5	7.57	82	724320	102.51	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	155020	91.78	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1275542	120.94	ng		0.00
78) Terphenyl-d14	13.12	244	1021118	100.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	118558	37.548	ng		91
3) Pyridine	3.72	79	336325	41.350	ng		86
4) n-Nitrosodimethylamine	3.69	42	190026	41.520	ng	#	80
6) Aniline	6.67	93	234674	21.128	ng		98
8) 2-Chlorophenol	6.79	128	326588	47.189	ng		99
9) Benzaldehyde	6.55	77	180420	28.498	ng		97
10) Phenol	6.64	94	406512	48.127	ng		95
11) bis(2-Chloroethyl)ether	6.73	93	318166	46.593	ng		92
12) 1,3-Dichlorobenzene	6.94	146	375499	46.924	ng		99
13) 1,4-Dichlorobenzene	7.02	146	378892	47.125	ng		98
14) 1,2-Dichlorobenzene	7.17	146	348342	46.579	ng		98
15) Benzyl Alcohol	7.14	79	301267	43.825	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	613193	43.589	ng		99
17) 2-Methylphenol	7.25	107	273914	46.152	ng		94
18) Hexachloroethane	7.51	117	117040	40.889	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	245047	44.377	ng		89
20) 3+4-Methylphenols	7.40	107	337095	44.322	ng	#	88
22) Acetophenone	7.41	105	468816	50.850	ng	#	91
24) Nitrobenzene	7.58	77	358874	50.225	ng		95
25) Isophorone	7.82	82	655563	48.675	ng		97
26) 2-Nitrophenol	7.90	139	141466	52.426	ng		95
27) 2,4-Dimethylphenol	7.92	122	294004	49.185	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	398568	50.693	ng		99
29) 2,4-Dichlorophenol	8.14	162	273691	49.754	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	302572	49.889	ng		96
31) Naphthalene	8.31	128	910667	50.785	ng		100
32) Benzoic acid	8.04	122	127883	38.253	ng		85
33) 4-Chloroaniline	8.35	127	59691	7.638	ng		97
34) Hexachlorobutadiene	8.41	225	201960	52.601	ng		99
35) Caprolactam	8.72	113	78340m	45.445	ng		
36) 4-Chloro-3-methylphenol	8.84	107	272614	45.939	ng		98
37) 2-Methylnaphthalene	9.00	142	607962	47.921	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	302699	58.211	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	65211	19.415	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	180902	56.061	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	181619m	51.128	ng		
45) 1,1'-Biphenyl	9.46	154	718783	57.572	ng		99
46) 2-Chloronaphthalene	9.49	162	544995	55.231	ng		98
47) 2-Nitroaniline	9.58	65	171081	53.584	ng		87
48) Acenaphthylene	9.91	152	818998	52.500	ng		100
49) Dimethylphthalate	9.75	163	664249	56.314	ng		99
50) 2,6-Dinitrotoluene	9.82	165	129036	52.287	ng		91
51) Acenaphthene	10.08	154	479180	50.150	ng		98
52) 3-Nitroaniline	10.00	138	71481	26.473	ng		94
53) 2,4-Dinitrophenol	10.11	184	23279	30.014	ng	#	20
54) Dibenzofuran	10.25	168	690763	49.900	ng		98
55) 4-Nitrophenol	10.16	139	157089	76.828	ng		94
56) 2,4-Dinitrotoluene	10.23	165	159768	50.296	ng	#	97
57) Fluorene	10.60	166	533649	48.698	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	135196	45.535	ng	#	87
59) Diethylphthalate	10.45	149	613533	53.715	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	290575	50.888	ng		90
61) 4-Nitroaniline	10.61	138	101258	37.931	ng		90
62) Azobenzene	10.74	77	556808	47.204	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	20962	23.268	ng		83
65) n-Nitrosodiphenylamine	10.70	169	484815	59.238	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	173153	57.531	ng	#	83
67) Hexachlorobenzene	11.15	284	169491	53.522	ng	#	85
68) Atrazine	11.22	200	155708	56.723	ng		96
69) Pentachlorophenol	11.34	266	150070	99.008	ng		98
70) Phenanthrene	11.57	178	704472	53.929	ng		99
71) Anthracene	11.62	178	710682	53.081	ng		100
72) Carbazole	11.77	167	620189	52.137	ng		99
73) Di-n-butylphthalate	12.08	149	814343	60.439	ng		99
74) Fluoranthene	12.76	202	771972	54.148	ng		94
76) Benzidine	12.88	184	414024	43.052	ng		99
77) Pyrene	13.00	202	784569	48.146	ng		99
79) Butylbenzylphthalate	13.59	149	339927	52.533	ng		96
80) Benzo(a)anthracene	14.18	228	766811	51.910	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	249602	47.150	ng	#	96
82) Chrysene	14.22	228	706142	52.142	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	467378	53.337	ng		99
84) Di-n-octyl phthalate	14.77	149	831557	62.224	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	494810	42.168	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	609584	54.325	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	576631	55.903	ng	#	96
89) Benzo(a)pyrene	15.68	252	524600	52.208	ng	#	97
90) Dibenzo(a,h)anthracene	17.37	278	421053	50.644	ng	#	94
91) Benzo(g,h,i)perylene	17.85	276	400032	48.864	ng	#	90

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

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