Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106947.D
Acq On : 29 Jun 2018 3:10
Operator : JU/SJ
Sample : J3593-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Manual Integrations APPROVED
Sohil
6/29/2018 2:31:06 PM

Quant Time: Jun 29 06:55:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66536	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	228297	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	93786	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	157744	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	183930	20.00	ng		-0.02
86) Perylene-d12	15.67	264	157916	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	231091	58.81	ng		0.00
7) Phenol-d6	6.60	99	566001	115.35	ng		-0.01
23) Nitrobenzene-d5	7.52	82	397749	96.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	49891	45.90	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	613525	116.13	ng		-0.02
78) Terphenyl-d14	13.07	244	636836	83.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	73806	36.535	ng		97
3) Pyridine	3.63	79	215507	39.336	ng		96
4) n-Nitrosodimethylamine	3.61	42	91277	39.226	ng		85
6) Aniline	6.62	93	184373	27.699	ng	#	24
8) 2-Chlorophenol	6.75	128	140153	32.520	ng		97
9) Benzaldehyde	6.51	77	94407	25.626	ng		98
10) Phenol	6.62	94	229451	40.973	ng	#	71
11) bis(2-Chloroethyl)ether	6.69	93	203937	44.113	ng		99
12) 1,3-Dichlorobenzene	6.90	146	234487	46.454	ng		99
13) 1,4-Dichlorobenzene	6.97	146	234987	46.047	ng		98
14) 1,2-Dichlorobenzene	7.12	146	217062	46.412	ng		98
15) Benzyl Alcohol	7.10	79	167806	42.589	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	265221	43.725	ng		63
17) 2-Methylphenol	7.21	107	162972	44.188	ng	#	91
18) Hexachloroethane	7.46	117	72108	40.181	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	130960	40.488	ng		93
20) 3+4-Methylphenols	7.37	107	202850	53.923	ng		90
22) Acetophenone	7.36	105	262480	51.390	ng		98
24) Nitrobenzene	7.54	77	202779	48.349	ng		98
25) Isophorone	7.78	82	356946	49.309	ng		99
26) 2-Nitrophenol	7.85	139	42036	21.231	ng		95
27) 2,4-Dimethylphenol	7.89	122	172086	56.233	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	236429	48.644	ng		98
29) 2,4-Dichlorophenol	8.10	162	104073	32.483	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	189825	53.783	ng		98
31) Naphthalene	8.26	128	535975	50.215	ng		99
33) 4-Chloroaniline	8.31	127	108913	24.319	ng		97
34) Hexachlorobutadiene	8.37	225	123948	53.896	ng		99
35) Caprolactam	8.66	113	45799	43.853	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	154156	45.712	ng		98
37) 2-Methylnaphthalene	8.95	142	368983	52.155	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	190160	60.207	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	19179	11.802	ng		96
42) 2,4,6-Trichlorophenol	9.24	196	16495	7.857	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	40089	18.299	ng	#	86
45) 1,1'-Biphenyl	9.41	154	421044	56.332	ng		98
46) 2-Chloronaphthalene	9.44	162	302989	51.499	ng		96
47) 2-Nitroaniline	9.54	65	90564	45.777	ng		97
48) Acenaphthylene	9.86	152	453206	48.792	ng		99
49) Dimethylphthalate	9.71	163	427181	60.730	ng		98
50) 2,6-Dinitrotoluene	9.78	165	76621	51.441	ng	#	80
51) Acenaphthene	10.03	154	270265	46.206	ng		98
52) 3-Nitroaniline	9.95	138	71088	41.475	ng		98
54) Dibenzofuran	10.20	168	412224	51.468	ng		97
55) 4-Nitrophenol	10.15	139	2447m	2.045	ng		
56) 2,4-Dinitrotoluene	10.18	165	91496	47.061	ng	#	90
57) Fluorene	10.54	166	304753	47.950	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	7782m	4.469	ng		
59) Diethylphthalate	10.40	149	307887	45.350	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	161711	48.629	ng	#	86
61) 4-Nitroaniline	10.57	138	72471	42.604	ng		96
62) Azobenzene	10.69	77	269680	40.338	ng		95
65) n-Nitrosodiphenylamine	10.65	169	262659	49.504	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	102128	54.249	ng	#	78
67) Hexachlorobenzene	11.10	284	104141	52.853	ng	#	81
68) Atrazine	11.18	200	89090	52.819	ng		94
69) Pentachlorophenol	11.30	266	3004	3.055	ng		95
70) Phenanthrene	11.51	178	409606	53.837	ng		99
71) Anthracene	11.57	178	422769	54.440	ng		100
72) Carbazole	11.72	167	384928	52.942	ng		98
73) Di-n-butylphthalate	12.03	149	397727	46.433	ng		100
74) Fluoranthene	12.71	202	494187	58.931	ng		96
76) Benzidine	12.83	184	248711	47.480	ng		97
77) Pyrene	12.94	202	508100	41.892	ng		100
79) Butylbenzylphthalate	13.54	149	189705	38.041	ng	#	96
80) Benzo(a)anthracene	14.13	228	551066	49.158	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	169272	42.964	ng	#	97
82) Chrysene	14.17	228	514265	49.865	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	254136	39.861	ng	#	98
84) Di-n-octyl phthalate	14.71	149	498194	47.939	ng		95
85) Indeno(1,2,3-cd)pyrene	17.25	276	400439	45.754	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	542741	55.327	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	442949	47.416	ng	#	96
89) Benzo(a)pyrene	15.61	252	449506	51.546	ng	#	96
90) Dibenzo(a,h)anthracene	17.26	278	340162	46.026	ng	#	93
91) Benzo(g,h,i)perylene	17.72	276	322098	44.589	ng	#	88

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

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