Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109852.D
Acq On : 13 Oct 2018 00:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:46 AM

Quant Time: Oct 15 07:16:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78901	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	319025	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	127114	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	199638	20.00	ng	0.00
75) Chrysene-d12	13.83	240	169082	20.00	ng	0.00
86) Perylene-d12	15.23	264	138033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	353327	79.49	ng	-0.01
7) Phenol-d6	6.35	99	481733	81.13	ng	-0.01
23) Nitrobenzene-d5	7.26	82	464915	80.33	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	92390	66.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	833633	90.32	ng	0.00
78) Terphenyl-d14	12.78	244	617036	70.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	93383	40.029	ng	95
3) Pyridine	3.07	79	182610	37.942	ng	99
4) n-Nitrosodimethylamine	3.01	42	63616	36.620	ng	92
6) Aniline	6.36	93	276673	39.997	ng	98
8) 2-Chlorophenol	6.49	128	227110	41.544	ng	98
9) Benzaldehyde	6.25	77	150903	39.491	ng	99
10) Phenol	6.36	94	257812	37.863	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	254250	45.039	ng	99
12) 1,3-Dichlorobenzene	6.63	146	245546	39.271	ng	98
13) 1,4-Dichlorobenzene	6.71	146	274224	40.234	ng	99
14) 1,2-Dichlorobenzene	6.87	146	235628	39.365	ng	98
15) Benzyl Alcohol	6.85	79	171132	38.874	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	294132	39.295	ng	97
17) 2-Methylphenol	6.96	107	168815	39.049	ng	91
18) Hexachloroethane	7.20	117	87987	36.522	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	161743	38.841	ng	98
20) 3+4-Methylphenols	7.12	107	202125	37.943	ng	95
22) Acetophenone	7.11	105	315411	40.885	ng	99
24) Nitrobenzene	7.28	77	246677	40.961	ng	99
25) Isophorone	7.52	82	374510	38.969	ng	97
26) 2-Nitrophenol	7.60	139	108153	38.395	ng	98
27) 2,4-Dimethylphenol	7.65	122	156475	38.468	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	251971	38.761	ng	99
29) 2,4-Dichlorophenol	7.85	162	179476	39.336	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	201551	39.904	ng	98
31) Naphthalene	8.00	128	556802	37.739	ng	100
32) Benzoic acid	7.77	122	102302m	35.176	ng	
33) 4-Chloroaniline	8.05	127	252635	38.884	ng	99
34) Hexachlorobutadiene	8.12	225	126760	40.364	ng	98
35) Caprolactam	8.43	113	51416	37.734	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	176371	36.620	ng	98
37) 2-Methylnaphthalene	8.69	142	348901	36.102	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	192040	44.382	ng	98
40) Hexachlorocyclopentadiene	8.84	237	7110	10.618	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	105208	40.673	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	122793	41.287	ng		98
45) 1,1'-Biphenyl	9.15	154	505240	44.492	ng		100
46) 2-Chloronaphthalene	9.17	162	363364	42.710	ng		99
47) 2-Nitroaniline	9.27	65	109015	42.319	ng		100
48) Acenaphthylene	9.59	152	504274	40.658	ng		99
49) Dimethylphthalate	9.45	163	404547	43.394	ng		100
50) 2,6-Dinitrotoluene	9.52	165	81082	40.123	ng		98
51) Acenaphthene	9.76	154	289720	39.404	ng		100
52) 3-Nitroaniline	9.69	138	94460	41.699	ng		98
53) 2,4-Dinitrophenol	9.87	184	2617m	4.014	ng		
54) Dibenzofuran	9.93	168	434222	39.399	ng		99
55) 4-Nitrophenol	9.88	139	25487m	20.555	ng		
56) 2,4-Dinitrotoluene	9.92	165	94683	37.544	ng		94
57) Fluorene	10.27	166	309098	37.556	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	85324	35.292	ng		97
59) Diethylphthalate	10.15	149	388127	42.019	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	175893	40.509	ng		99
61) 4-Nitroaniline	10.30	138	83637	39.868	ng		95
62) Azobenzene	10.42	77	352614	37.592	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	7831	8.059	ng	#	69
65) n-Nitrosodiphenylamine	10.38	169	311885	46.084	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	104146	45.402	ng		98
67) Hexachlorobenzene	10.82	284	97096	39.090	ng		99
68) Atrazine	10.91	200	89675	42.458	ng		99
69) Pentachlorophenol	11.02	266	46954	33.594	ng		99
70) Phenanthrene	11.23	178	382233	38.259	ng		99
71) Anthracene	11.28	178	431971	41.827	ng		99
72) Carbazole	11.44	167	399842	39.918	ng		99
73) Di-n-butylphthalate	11.76	149	501518	43.169	ng		99
74) Fluoranthene	12.41	202	412729	39.544	ng		96
76) Benzidine	12.54	184	235147	37.438	ng		98
77) Pyrene	12.63	202	413422	33.373	ng		98
79) Butylbenzylphthalate	13.25	149	196873	36.656	ng		100
80) Benzo(a)anthracene	13.82	228	359847	38.566	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	157302	41.869	ng		99
82) Chrysene	13.86	228	394617	40.264	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	266914	40.734	ng		97
84) Di-n-octyl phthalate	14.42	149	472728	45.641	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	256581	36.576	ng		100
87) Benzo(b)fluoranthene	14.83	252	305844	40.095	ng		99
88) Benzo(k)fluoranthene	14.86	252	304864	39.778	ng		99
89) Benzo(a)pyrene	15.17	252	267980	38.713	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	214877	37.797	ng		99
91) Benzo(g,h,i)perylene	16.98	276	207246	36.506	ng		99

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

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