Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111141.D
Acq On : 6 Dec 2018 16:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/10/2018 12:18:56 PM

Quant Time: Dec 07 11:32:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	572422	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2369860	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	1131447	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1916520	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1288284	20.00	ng		0.00
87) Perylene-d12	15.40	264	1081763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2683084	73.14	ng		0.00
7) Phenol-d6	6.44	99	3464685	73.32	ng		0.00
23) Nitrobenzene-d5	7.37	82	3219178	80.42	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	731459	81.33	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4898353	79.15	ng		0.00
79) Terphenyl-d14	12.92	244	4313936	68.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	770107	36.498	ng		99
3) Pyridine	3.28	79	1700684	36.342	ng		97
4) n-Nitrosodimethylamine	3.21	42	848540	36.827	ng		95
6) Aniline	6.47	93	2346155	37.162	ng		99
8) 2-Chlorophenol	6.59	128	1595610	37.738	ng		97
9) Benzaldehyde	6.35	77	977134	37.881	ng		97
10) Phenol	6.45	94	1911899m	37.107	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1567034	37.212	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1692642	37.642	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1699231	37.550	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1591221	37.801	ng		98
15) Benzyl Alcohol	6.95	79	1431093	38.223	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3045767	37.181	ng		100
17) 2-Methylphenol	7.06	107	1315993	37.916	ng		98
18) Hexachloroethane	7.32	117	661015	38.939	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	1183810	37.278	ng		97
20) 3+4-Methylphenols	7.22	107	1569414	37.074	ng		95
22) Acetophenone	7.22	105	2100883	36.684	ng	#	96
24) Nitrobenzene	7.39	77	1693485	39.325	ng		99
25) Isophorone	7.63	82	2752819	37.472	ng		98
26) 2-Nitrophenol	7.70	139	820811	45.109	ng		96
27) 2,4-Dimethylphenol	7.75	122	1282757	37.432	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	1861352	37.428	ng		99
29) 2,4-Dichlorophenol	7.95	162	1310128	38.834	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1321550	38.810	ng		99
31) Naphthalene	8.12	128	3976645	38.541	ng		99
32) Benzoic acid	7.86	122	972152	43.019	ng		98
33) 4-Chloroaniline	8.16	127	1876300	37.619	ng		99
34) Hexachlorobutadiene	8.24	225	726053	39.235	ng		99
35) Caprolactam	8.53	113	470697	38.000	ng		98
36) 4-Chloro-3-methylphenol	8.64	107	1400923	37.911	ng		98
37) 2-Methylnaphthalene	8.80	142	2668684	37.496	ng		99
38) 1-Methylnaphthalene	8.90	142	2577568	37.669	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1146953	38.035	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	630213	39.634	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	840360	38.156	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	882325	39.520	ng		99
46) 1,1'-Biphenyl	9.27	154	3382087	36.515	ng		98
47) 2-Chloronaphthalene	9.29	162	2671911	37.123	ng		100
48) 2-Nitroaniline	9.38	65	941664	40.372	ng		97
49) Acenaphthylene	9.71	152	3817071	37.941	ng		100
50) Dimethylphthalate	9.57	163	2939518	37.330	ng		100
51) 2,6-Dinitrotoluene	9.63	165	691427	41.415	ng		99
52) Acenaphthene	9.88	154	2480910	37.327	ng		98
53) 3-Nitroaniline	9.79	138	856907	40.862	ng		97
54) 2,4-Dinitrophenol	9.89	184	229086	46.336	ng	#	82
55) Dibenzofuran	10.05	168	3497788	38.208	ng		100
56) 4-Nitrophenol	9.95	139	642878	40.681	ng		91
57) 2,4-Dinitrotoluene	10.03	165	906948	42.063	ng		97
58) Fluorene	10.39	166	2463727	38.165	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	673112	40.395	ng		94
60) Diethylphthalate	10.27	149	2945426	37.429	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	1255538	39.465	ng		98
62) 4-Nitroaniline	10.40	138	791653	41.827	ng		98
63) Azobenzene	10.55	77	3059350	36.516	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	377786	47.713	ng		96
66) n-Nitrosodiphenylamine	10.50	169	2486429	37.051	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	785154	38.701	ng		97
68) Hexachlorobenzene	10.95	284	800524	38.590	ng		98
69) Atrazine	11.03	200	642564	36.383	ng		98
70) Pentachlorophenol	11.13	266	556157	40.768	ng		97
71) Phenanthrene	11.35	178	3514348	38.122	ng		99
72) Anthracene	11.40	178	3524270	37.926	ng		100
73) Carbazole	11.56	167	3638071	37.625	ng		99
74) Di-n-butylphthalate	11.89	149	4148048	36.648	ng		99
75) Fluoranthene	12.54	202	3454612	38.296	ng		97
77) Benzidine	12.65	184	1296015	30.382	ng		99
78) Pyrene	12.77	202	3576636	35.636	ng		99
80) Butylbenzylphthalate	13.39	149	1859197	38.345	ng		92
81) Benzo(a)anthracene	13.95	228	2740266	36.304	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	1084925	38.087	ng		96
83) Chrysene	13.99	228	2758763	36.817	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	2257442	38.546	ng		97
85) Di-n-octyl phthalate	14.57	149	3750702	40.739	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2140469	35.578	ng	#	87
88) Benzo(b)fluoranthene	14.99	252	2317291	37.804	ng		99
89) Benzo(k)fluoranthene	15.02	252	2308521	38.957	ng		100
90) Benzo(a)pyrene	15.34	252	2122451	37.749	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1789653	37.930	ng		100
92) Benzo(g,h,i)perylene	17.24	276	1782277	37.590	ng		97

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

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