Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111641.D
Acq On : 20 Dec 2018 16:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:41 PM

Quant Time: Dec 21 06:38:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213421	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	784906	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	387682	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	726724	20.00	ng		0.00
76) Chrysene-d12	14.06	240	534614	20.00	ng		0.00
87) Perylene-d12	15.53	264	438207	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	989391	79.02	ng		0.00
7) Phenol-d6	6.53	99	1269901	79.69	ng		0.00
23) Nitrobenzene-d5	7.46	82	1155616	85.70	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	394822	86.19	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2140171	80.46	ng		0.00
79) Terphenyl-d14	13.00	244	2315944	82.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	222676	37.800	ng		96
3) Pyridine	3.47	79	588771	38.363	ng		97
4) n-Nitrosodimethylamine	3.41	42	293134	39.027	ng		83
6) Aniline	6.56	93	802882	39.528	ng		98
8) 2-Chlorophenol	6.69	128	558451	40.264	ng		98
9) Benzaldehyde	6.45	77	438472	40.010	ng		93
10) Phenol	6.54	94	708705	39.418	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	530445	39.372	ng		97
12) 1,3-Dichlorobenzene	6.84	146	651632	40.540	ng		97
13) 1,4-Dichlorobenzene	6.92	146	658223	40.378	ng		97
14) 1,2-Dichlorobenzene	7.07	146	613715	40.352	ng		96
15) Benzyl Alcohol	7.03	79	512947	40.532	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	930392	37.496	ng		100
17) 2-Methylphenol	7.15	107	441886	39.788	ng		97
18) Hexachloroethane	7.42	117	226235	41.184	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	413276	39.053	ng		96
20) 3+4-Methylphenols	7.30	107	558664	39.810	ng	#	85
22) Acetophenone	7.30	105	775236	38.987	ng	#	96
24) Nitrobenzene	7.48	77	601448	42.556	ng		98
25) Isophorone	7.72	82	930157	38.855	ng		99
26) 2-Nitrophenol	7.79	139	288482	50.329	ng		94
27) 2,4-Dimethylphenol	7.83	122	436773	38.655	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	621760	39.031	ng		99
29) 2,4-Dichlorophenol	8.03	162	492978	40.563	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	538898	39.791	ng		98
31) Naphthalene	8.20	128	1494702	39.633	ng		97
32) Benzoic acid	7.94	122	339945m	45.503	ng		
33) 4-Chloroaniline	8.25	127	647387	39.715	ng		99
34) Hexachlorobutadiene	8.33	225	330676	40.062	ng		99
35) Caprolactam	8.62	113	163194m	39.628	ng		
36) 4-Chloro-3-methylphenol	8.73	107	479404	40.129	ng		96
37) 2-Methylnaphthalene	8.89	142	971852	39.608	ng		98
38) 1-Methylnaphthalene	8.99	142	943844	40.052	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	514763	40.408	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	282614	45.717 ng		100
43) 2,4,6-Trichlorophenol	9.17	196	358479	42.147 ng		99
44) 2,4,5-Trichlorophenol	9.21	196	371461	42.571 ng	#	91
46) 1,1'-Biphenyl	9.36	154	1327596	40.567 ng		96
47) 2-Chloronaphthalene	9.38	162	1047350	40.393 ng		95
48) 2-Nitroaniline	9.47	65	319800	47.410 ng		99
49) Acenaphthylene	9.80	152	1537812	40.621 ng		96
50) Dimethylphthalate	9.66	163	1133343	39.977 ng		98
51) 2,6-Dinitrotoluene	9.71	165	260599	46.099 ng	#	88
52) Acenaphthene	9.97	154	960584	41.140 ng		98
53) 3-Nitroaniline	9.88	138	285153	47.298 ng		98
54) 2,4-Dinitrophenol	9.98	184	94874	54.826 ng	#	51
55) Dibenzofuran	10.14	168	1436919	40.734 ng		96
56) 4-Nitrophenol	10.03	139	217099	47.186 ng		92
57) 2,4-Dinitrotoluene	10.12	165	336352	49.506 ng		94
58) Fluorene	10.49	166	1018817	40.081 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	308815	42.055 ng		89
60) Diethylphthalate	10.36	149	1107427	39.822 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	560783	39.931 ng		95
62) 4-Nitroaniline	10.49	138	268873	45.886 ng		91
63) Azobenzene	10.63	77	1098768	39.356 ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	157834	51.916 ng		84
66) n-Nitrosodiphenylamine	10.59	169	987228	40.469 ng		98
67) 4-Bromophenyl-phenylether	10.96	248	363497	40.327 ng		95
68) Hexachlorobenzene	11.03	284	405950	40.393 ng		96
69) Atrazine	11.12	200	345690	40.790 ng		97
70) Pentachlorophenol	11.22	266	266712	42.927 ng		96
71) Phenanthrene	11.44	178	1551259	40.250 ng		95
72) Anthracene	11.50	178	1551286	40.100 ng		96
73) Carbazole	11.64	167	1503637	40.035 ng		96
74) Di-n-butylphthalate	11.98	149	1676825	39.820 ng		96
75) Fluoranthene	12.63	202	1560143	39.975 ng		97
77) Benzidine	12.74	184	765558	38.055 ng		99
78) Pyrene	12.86	202	1597230	42.307 ng		97
80) Butylbenzylphthalate	13.47	149	649063	42.177 ng		89
81) Benzo(a)anthracene	14.04	228	1231530	40.364 ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	502986	41.725 ng	#	96
83) Chrysene	14.08	228	1197740	39.942 ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	790243	40.767 ng		98
85) Di-n-octyl phthalate	14.65	149	1151002	38.324 ng		95
86) Indeno(1,2,3-cd)pyrene	17.02	276	1026642	40.273 ng	#	88
88) Benzo(b)fluoranthene	15.10	252	988584	38.601 ng	#	96
89) Benzo(k)fluoranthene	15.13	252	995415	40.826 ng	#	97
90) Benzo(a)pyrene	15.47	252	940721	40.431 ng	#	94
91) Dibenzo(a,h)anthracene	17.03	278	866948	42.550 ng	#	91
92) Benzo(g,h,i)perylene	17.47	276	853591	42.904 ng	#	86

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

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