Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115948.D
Acq On : 2 Aug 2019 15:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/8/2019 4:44:14 PM

Quant Time: Aug 05 16:06:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160167	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	677891	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	339285	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	657565	20.00	ng		0.00
76) Chrysene-d12	14.03	240	446069	20.00	ng		0.00
87) Perylene-d12	15.50	264	404901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	779481	81.47	ng		0.00
7) Phenol-d6	6.49	99	992044	82.18	ng		0.00
23) Nitrobenzene-d5	7.42	82	912702	77.72	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	285445	86.78	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1487330	82.11	ng		0.00
79) Terphenyl-d14	12.97	244	1758547	83.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	191482	39.616	ng		100
3) Pyridine	3.36	79	509704	37.751	ng		99
4) n-Nitrosodimethylamine	3.32	42	213291	40.030	ng		99
6) Aniline	6.52	93	683946	39.563	ng		100
8) 2-Chlorophenol	6.65	128	450869	42.616	ng		98
9) Benzaldehyde	6.40	77	310775	37.313	ng		96
10) Phenol	6.50	94	579359	40.757	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	438103	41.920	ng		97
12) 1,3-Dichlorobenzene	6.80	146	491754	40.219	ng		99
13) 1,4-Dichlorobenzene	6.87	146	497284	40.619	ng		98
14) 1,2-Dichlorobenzene	7.03	146	458813	40.701	ng		98
15) Benzyl Alcohol	7.00	79	385866	42.122	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	593099	41.606	ng		95
17) 2-Methylphenol	7.11	107	372745	41.608	ng		99
18) Hexachloroethane	7.37	117	184054	40.834	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	305925	40.898	ng		96
20) 3+4-Methylphenols	7.26	107	432724	40.818	ng	#	89
22) Acetophenone	7.27	105	573358	38.566	ng	#	97
24) Nitrobenzene	7.44	77	498294	39.296	ng		97
25) Isophorone	7.68	82	897071	39.948	ng		98
26) 2-Nitrophenol	7.75	139	247943	41.480	ng		97
27) 2,4-Dimethylphenol	7.79	122	349727	38.889	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	561353	40.331	ng		99
29) 2,4-Dichlorophenol	8.00	162	378753	39.888	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	430551	39.778	ng		99
31) Naphthalene	8.16	128	1253085	39.282	ng		99
32) Benzoic acid	7.94	122	210643m	33.223	ng		
33) 4-Chloroaniline	8.20	127	565465	39.673	ng		98
34) Hexachlorobutadiene	8.27	225	246091	39.473	ng		99
35) Caprolactam	8.60	113	121774	39.652	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	398964	40.389	ng		98
37) 2-Methylnaphthalene	8.85	142	832380	39.620	ng		99
38) 1-Methylnaphthalene	8.95	142	796183	40.059	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	386130	42.570	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	130317	35.556	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	255098	40.859	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	269134	41.702	ng		99
46) 1,1'-Biphenyl	9.32	154	1003738	41.904	ng		100
47) 2-Chloronaphthalene	9.35	162	825579	41.411	ng		98
48) 2-Nitroaniline	9.44	65	278609	42.279	ng		89
49) Acenaphthylene	9.76	152	1245852	42.835	ng		100
50) Dimethylphthalate	9.62	163	991318	42.911	ng		100
51) 2,6-Dinitrotoluene	9.69	165	218359	43.495	ng		97
52) Acenaphthene	9.93	154	733867	41.128	ng		99
53) 3-Nitroaniline	9.86	138	258831	41.725	ng		96
54) 2,4-Dinitrophenol	9.97	184	84115	37.538	ng		91
55) Dibenzofuran	10.10	168	1084317	41.787	ng		96
56) 4-Nitrophenol	10.02	139	156955	39.497	ng		100
57) 2,4-Dinitrotoluene	10.09	165	286251	42.825	ng		97
58) Fluorene	10.45	166	847212	42.436	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	225771	41.581	ng		99
60) Diethylphthalate	10.32	149	931951	43.210	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	434722	42.995	ng		98
62) 4-Nitroaniline	10.47	138	267886	41.787	ng		96
63) Azobenzene	10.60	77	954578	43.030	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	137334	39.411	ng		96
66) n-Nitrosodiphenylamine	10.56	169	761207	38.460	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	277073	39.361	ng		92
68) Hexachlorobenzene	11.00	284	315177	38.721	ng		93
69) Atrazine	11.08	200	217412	33.390	ng		98
70) Pentachlorophenol	11.19	266	143378	36.281	ng		97
71) Phenanthrene	11.41	178	1295697	38.544	ng		100
72) Anthracene	11.46	178	1313040	38.595	ng		98
73) Carbazole	11.62	167	1213323	39.310	ng		99
74) Di-n-butylphthalate	11.94	149	1505926	41.824	ng		100
75) Fluoranthene	12.60	202	1368215	38.878	ng		98
77) Benzidine	12.72	184	602862	40.004	ng		98
78) Pyrene	12.83	202	1402678	41.715	ng		100
80) Butylbenzylphthalate	13.44	149	638222	44.870	ng		99
81) Benzo(a)anthracene	14.02	228	1146742	40.221	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	398173	40.198	ng	#	99
83) Chrysene	14.06	228	1113905	40.242	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	876267	47.408	ng		100
85) Di-n-octyl phthalate	14.61	149	1318067	44.896	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	967310	41.608	ng		99
88) Benzo(b)fluoranthene	15.07	252	932453	39.828	ng		98
89) Benzo(k)fluoranthene	15.10	252	912539	40.018	ng		99
90) Benzo(a)pyrene	15.43	252	842127	40.238	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	789756	43.595	ng		97
92) Benzo(g,h,i)perylene	17.43	276	788649	44.328	ng		100

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

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