Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
Data File : BP001017.D
Acq On : 08 Nov 2019 17:38
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/11/2019 8:10:08 AM

Quant Time: Nov 08 18:25:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	174940	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	622822	20.00	ng	0.00
39) Acenaphthene-d10	13.27	164	377259	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	810794	20.00	ng	0.00
76) Chrysene-d12	19.30	240	761800	20.00	ng	0.00
87) Perylene-d12	21.09	264	925497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	760639	79.14	ng	-0.01
7) Phenol-d6	7.81	99	967318	79.59	ng	0.00
23) Nitrobenzene-d5	9.25	82	915723	81.33	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	383210	85.09	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2005199	80.05	ng	0.00
79) Terphenyl-d14	17.95	244	2928173	76.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	157214	37.621	ng	99
3) Pyridine	3.64	79	407939	36.923	ng	98
4) n-Nitrosodimethylamine	3.55	42	156133	40.547	ng	93
6) Aniline	7.85	93	621829	39.175	ng	99
8) 2-Chlorophenol	8.03	128	403364	39.577	ng	99
9) Benzaldehyde	7.67	77	309854	36.539	ng	99
10) Phenol	7.83	94	514552m	38.707	ng	
11) bis(2-Chloroethyl)ether	7.98	93	386230	37.321	ng	99
12) 1,3-Dichlorobenzene	8.28	146	492250	38.497	ng	99
13) 1,4-Dichlorobenzene	8.40	146	502010	38.977	ng	100
14) 1,2-Dichlorobenzene	8.63	146	476447	40.002	ng	99
15) Benzyl Alcohol	8.60	79	380976	41.135	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	377864	34.962	ng	98
17) 2-Methylphenol	8.78	107	336365	38.872	ng	98
18) Hexachloroethane	9.18	117	186307	39.381	ng	99
19) n-Nitroso-di-n-propylamine	9.03	70	283244	38.811	ng	99
20) 3+4-Methylphenols	9.03	107	434413	40.466	ng	97
22) Acetophenone	9.02	105	631617	39.268	ng	99
24) Nitrobenzene	9.28	77	444564	39.350	ng	100
25) Isophorone	9.67	82	785410	37.899	ng	99
26) 2-Nitrophenol	9.79	139	178264	42.224	ng	96
27) 2,4-Dimethylphenol	9.88	122	302802	38.301	ng	98
28) bis(2-Chloroethoxy)methane	10.04	93	501390	37.003	ng	99
29) 2,4-Dichlorophenol	10.18	162	376343	39.439	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	454127	38.739	ng	98
31) Naphthalene	10.44	128	1217093	39.113	ng	100
32) Benzoic acid	10.03	122	193979	41.802	ng	99
33) 4-Chloroaniline	10.53	127	524431	39.302	ng	98
34) Hexachlorobutadiene	10.66	225	305800	39.483	ng	99
35) Caprolactam	11.09	113	121421	40.314	ng	94
36) 4-Chloro-3-methylphenol	11.33	107	402454	40.616	ng	98
37) 2-Methylnaphthalene	11.57	142	854266	39.223	ng	99
38) 1-Methylnaphthalene	11.73	142	801972	38.969	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.85	216	493975	39.324	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	245619	39.031 ng	99
43) 2,4,6-Trichlorophenol	12.03	196	298939	39.469 ng	97
44) 2,4,5-Trichlorophenol	12.08	196	320805	39.616 ng	97
46) 1,1'-Biphenyl	12.34	154	1102757	39.093 ng	99
47) 2-Chloronaphthalene	12.36	162	888454	39.124 ng	98
48) 2-Nitroaniline	12.52	65	248187	41.755 ng	97
49) Acenaphthylene	13.03	152	1369209	39.661 ng	99
50) Dimethylphthalate	12.86	163	1107996	39.719 ng	99
51) 2,6-Dinitrotoluene	12.94	165	236901	40.712 ng	97
52) Acenaphthene	13.32	154	802643	38.872 ng	99
53) 3-Nitroaniline	13.20	138	260623	41.064 ng	97
54) 2,4-Dinitrophenol	13.37	184	70070	43.310 ng	88
55) Dibenzofuran	13.61	168	1278217	39.633 ng	100
56) 4-Nitrophenol	13.47	139	194249	44.012 ng	94
57) 2,4-Dinitrotoluene	13.59	165	319663	43.736 ng	96
58) Fluorene	14.17	166	1018689	39.688 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.81	232	293515	42.629 ng	96
60) Diethylphthalate	14.03	149	1099494	39.238 ng	99
61) 4-Chlorophenyl-phenylether	14.19	204	533551	39.315 ng	96
62) 4-Nitroaniline	12.52	138	284994	41.880 ng	96
63) Azobenzene	14.45	77	938305	38.261 ng	98
65) 4,6-Dinitro-2-methylphenol	14.26	198	95749	39.711 ng	96
66) n-Nitrosodiphenylamine	14.38	169	884623	37.947 ng	99
67) 4-Bromophenyl-phenylether	14.99	248	359969	37.714 ng	99
68) Hexachlorobenzene	15.06	284	430104	38.885 ng	98
69) Atrazine	15.27	200	328725	38.728 ng	99
70) Pentachlorophenol	15.37	266	209525	42.555 ng	99
71) Phenanthrene	15.70	178	1638882	39.494 ng	100
72) Anthracene	15.77	178	1617061	39.946 ng	100
73) Carbazole	16.02	167	1506392	40.588 ng	99
74) Di-n-butylphthalate	16.57	149	1739054	38.825 ng	99
75) Fluoranthene	17.40	202	1954409	41.668 ng	100
77) Benzidine	17.59	184	954964	34.040 ng	100
78) Pyrene	17.71	202	1994482	37.047 ng	99
80) Butylbenzylphthalate	18.60	149	794754	37.282 ng	97
81) Benzo(a)anthracene	19.29	228	2001672	39.014 ng	99
82) 3,3'-Dichlorobenzidine	19.26	252	743213	39.730 ng	99
83) Chrysene	19.34	228	1822046	40.450 ng	99
84) Bis(2-ethylhexyl)phthalate	19.35	149	1029258	37.974 ng	99
85) Di-n-octyl phthalate	20.13	149	1869442	38.312 ng	99
86) Indeno(1,2,3-cd)pyrene	22.76	276	2538278	41.184 ng	98
88) Benzo(b)fluoranthene	20.59	252	2086761	37.826 ng	99
89) Benzo(k)fluoranthene	20.63	252	2060616	39.680 ng	99
90) Benzo(a)pyrene	21.02	252	1973575	38.905 ng	99
91) Dibenzo(a,h)anthracene	22.79	278	2046491	39.527 ng	98
92) Benzo(g,h,i)perylene	23.26	276	2032795	38.992 ng	98

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

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