Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002293.D
Acq On : 27 May 2020 17:03
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:01 PM

Quant Time: May 27 18:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 17:37:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	238076	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	988183	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	588761	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1253768	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1528715	20.00	ng	0.00
86) Perylene-d12	23.29	264	1719545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1118803	93.54	ng	0.00
7) Phenol-d6	6.79	99	1553197	92.75	ng	0.00
23) Nitrobenzene-d5	8.75	82	1449559	91.43	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	473037	64.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2975296	84.54	ng	0.00
79) Terphenyl-d14	19.58	244	3954759	72.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	255091	48.16	ng	100
3) Pyridine	3.56	79	753267m	48.44	ng	
4) n-Nitrosodimethylamine	3.48	42	281262	46.13	ng	100
6) Aniline	6.94	93	1048549	44.52	ng	100
8) 2-Chlorophenol	7.18	128	643689	45.20	ng	100
9) Benzaldehyde	6.75	77	416960	45.41	ng	100
10) Phenol	6.82	94	841961	45.85	ng	100
11) bis(2-Chloroethyl)ether	7.04	93	702939	45.08	ng	100
12) 1,3-Dichlorobenzene	7.50	146	725682	44.30	ng	100
13) 1,4-Dichlorobenzene	7.64	146	736773	44.76	ng	100
14) 1,2-Dichlorobenzene	7.96	146	700707	44.56	ng	100
15) Benzyl Alcohol	7.85	79	589037	44.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.14	45	962872	45.77	ng	100
17) 2-Methylphenol	8.05	107	604911	45.10	ng	100
18) Hexachloroethane	8.68	117	263335	44.79	ng	100
19) n-Nitroso-di-n-propylamine	8.41	70	514391	45.39	ng	100
20) 3+4-Methylphenols	8.38	107	819979	44.73	ng	100
22) Acetophenone	8.42	105	996664	46.25	ng	100
24) Nitrobenzene	8.79	77	785109	45.50	ng	100
25) Isophorone	9.32	82	1489575	44.81	ng	100
26) 2-Nitrophenol	9.50	139	334819	41.93	ng	100
27) 2,4-Dimethylphenol	9.57	122	542429	43.37	ng	100
28) bis(2-Chloroethoxy)methane	9.80	93	898361	44.89	ng	100
29) 2,4-Dichlorophenol	10.03	162	599474	42.07	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	675674	42.16	ng	100
31) Naphthalene	10.43	128	2033906	45.13	ng	100
32) Benzoic acid	9.70	122	424346	44.25	ng	100
33) 4-Chloroaniline	10.53	127	888107	44.01	ng	100
34) Hexachlorobutadiene	10.73	225	387805	39.70	ng	100
35) Caprolactam	11.29	113	212384	43.19	ng	100
36) 4-Chloro-3-methylphenol	11.68	107	660726	44.75	ng	100
37) 2-Methylnaphthalene	12.05	142	1419343	43.89	ng	100
38) 1-Methylnaphthalene	12.27	142	1350607	44.05	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	681439	42.28	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 17:37:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	358415	40.50	ng	100
43) 2,4,6-Trichlorophenol	12.67	196	476806	42.31	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	547046	42.00	ng	100
46) 1,1'-Biphenyl	13.07	154	1723516	46.40	ng	100
47) 2-Chloronaphthalene	13.11	162	1403418	45.50	ng	100
48) 2-Nitroaniline	13.31	65	440846	46.38	ng	100
49) Acenaphthylene	13.96	152	2235567	45.99	ng	100
50) Dimethylphthalate	13.72	163	1745476	44.69	ng	100
51) 2,6-Dinitrotoluene	13.82	165	379783	43.04	ng	100
52) Acenaphthene	14.31	154	1424946m	45.76	ng	
53) 3-Nitroaniline	14.15	138	432451	44.50	ng	100
54) 2,4-Dinitrophenol	14.35	184	190125	42.60	ng	100
55) Dibenzofuran	14.65	168	2078110	45.04	ng	100
56) 4-Nitrophenol	14.46	139	346342	45.56	ng	100
57) 2,4-Dinitrotoluene	14.61	165	509336	43.07	ng	100
58) Fluorene	15.30	166	1535468	43.20	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.88	232	436662m	40.83	ng	
60) Diethylphthalate	15.09	149	1728899	45.36	ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	800941	40.85	ng	100
62) 4-Nitroaniline	15.32	138	397195	44.67	ng	100
63) Azobenzene	15.60	77	1804767	48.72	ng	100
65) 4,6-Dinitro-2-methylphenol	15.38	198	266048	42.28	ng	100
66) n-Nitrosodiphenylamine	15.52	169	1443978	46.09	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	525935	40.86	ng	100
68) Hexachlorobenzene	16.32	284	553237	37.65	ng	100
69) Atrazine	16.48	200	473184	44.05	ng	100
70) Pentachlorophenol	16.65	266	343437	39.81	ng	100
71) Phenanthrene	17.04	178	2595337	46.13	ng	100
72) Anthracene	17.13	178	2566392	46.05	ng	100
73) Carbazole	17.40	167	2538162	47.14	ng	100
74) Di-n-butylphthalate	17.99	149	2928301	48.10	ng	100
75) Fluoranthene	19.02	202	3010105	45.23	ng	100
77) Benzidine	19.20	184	938640	27.98	ng	100
78) Pyrene	19.37	202	3129910	34.11	ng	100
80) Butylbenzylphthalate	20.27	149	1443660	40.67	ng	100
81) Benzo(a)anthracene	21.08	228	3756777	44.49	ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	1374119	44.90	ng	100
83) Chrysene	21.13	228	3617412	45.21	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	2257107	43.13	ng	100
85) Di-n-octyl phthalate	21.90	149	3784377	42.73	ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	4758578	50.14	ng	100
88) Benzo(b)fluoranthene	22.63	252	3891997	42.38	ng	100
89) Benzo(k)fluoranthene	22.67	252	4026308	44.34	ng	100
90) Benzo(a)pyrene	23.19	252	3756337	43.95	ng	100
91) Dibenzo(a,h)anthracene	25.52	278	3917686	50.89	ng	100
92) Benzo(g,h,i)perylene	26.17	276	3912540	50.89	ng	100

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

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