Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002314.D
Acq On : 29 May 2020 14:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/1/2020 12:24:11 PM

Quant Time: May 29 15:14:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	251058	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1037747	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	628791	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1328653	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1242073	20.00	ng	0.00
86) Perylene-d12	23.32	264	1408438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1140318	85.31	ng	0.00
7) Phenol-d6	6.79	99	1550124	85.25	ng	0.00
23) Nitrobenzene-d5	8.75	82	1450547	84.04	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	483449	81.12	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2957072	82.98	ng	0.00
79) Terphenyl-d14	19.60	244	4022541	78.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	255268	41.527	ng	99
3) Pyridine	3.56	79	767593	43.631	ng	99
4) n-Nitrosodimethylamine	3.48	42	288790	42.615	ng	99
6) Aniline	6.94	93	1056712	42.058	ng	98
8) 2-Chlorophenol	7.18	128	647069	42.301	ng	99
9) Benzaldehyde	6.75	77	419293	41.252	ng	97
10) Phenol	6.82	94	836734	41.818	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	692669	41.582	ng	98
12) 1,3-Dichlorobenzene	7.50	146	716263	40.863	ng	96
13) 1,4-Dichlorobenzene	7.64	146	727700	41.337	ng	97
14) 1,2-Dichlorobenzene	7.96	146	695389	41.318	ng	97
15) Benzyl Alcohol	7.85	79	587114	42.491	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	967541	42.098	ng	99
17) 2-Methylphenol	8.05	107	599491	41.948	ng	96
18) Hexachloroethane	8.68	117	262419	41.652	ng	94
19) n-Nitroso-di-n-propylamine	8.41	70	507033	42.047	ng	98
20) 3+4-Methylphenols	8.38	107	816341	42.035	ng	97
22) Acetophenone	8.42	105	984371	41.546	ng	100
24) Nitrobenzene	8.79	77	780986	41.505	ng	100
25) Isophorone	9.32	82	1480886	41.774	ng	98
26) 2-Nitrophenol	9.50	139	343862	42.894	ng	99
27) 2,4-Dimethylphenol	9.58	122	547093	41.448	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	875324	40.578	ng	99
29) 2,4-Dichlorophenol	10.03	162	598111	41.120	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	663256	40.492	ng	98
31) Naphthalene	10.43	128	1995200	40.997	ng	99
32) Benzoic acid	9.71	122	434687	42.974	ng	96
33) 4-Chloroaniline	10.54	127	883969	41.351	ng	100
34) Hexachlorobutadiene	10.73	225	388359	40.652	ng	96
35) Caprolactam	11.30	113	214345	42.544	ng	99
36) 4-Chloro-3-methylphenol	11.68	107	655095	41.819	ng	98
37) 2-Methylnaphthalene	12.05	142	1398845	40.993	ng	99
38) 1-Methylnaphthalene	12.28	142	1324821	40.898	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	667808	39.965	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	368367	41.464	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	479872	41.476	ng		99
44) 2,4,5-Trichlorophenol	12.75	196	552661	41.162	ng		96
46) 1,1'-Biphenyl	13.08	154	1694527	41.125	ng		99
47) 2-Chloronaphthalene	13.12	162	1393269	40.985	ng		99
48) 2-Nitroaniline	13.32	65	441707	42.254	ng		98
49) Acenaphthylene	13.97	152	2164977	40.192	ng		98
50) Dimethylphthalate	13.72	163	1709282	40.160	ng		99
51) 2,6-Dinitrotoluene	13.83	165	380862	41.233	ng		97
52) Acenaphthene	14.32	154	1412328m	40.756	ng		
53) 3-Nitroaniline	14.15	138	438711	41.512	ng		98
54) 2,4-Dinitrophenol	14.36	184	210248	45.047	ng		96
55) Dibenzofuran	14.66	168	2062820	40.259	ng		99
56) 4-Nitrophenol	14.47	139	351231	42.050	ng		98
57) 2,4-Dinitrotoluene	14.62	165	511323	41.186	ng		95
58) Fluorene	15.31	166	1502433	39.536	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.89	232	449432	42.027	ng		94
60) Diethylphthalate	15.10	149	1703142	40.465	ng		98
61) 4-Chlorophenyl-phenylether	15.31	204	788177	39.304	ng		98
62) 4-Nitroaniline	15.32	138	417411	42.668	ng		97
63) Azobenzene	15.60	77	1761496	40.814	ng		100
65) 4,6-Dinitro-2-methylphenol	15.39	198	290445	44.205	ng		98
66) n-Nitrosodiphenylamine	15.53	169	1422438	40.773	ng		99
67) 4-Bromophenyl-phenylether	16.21	248	533993	40.896	ng		93
68) Hexachlorobenzene	16.32	284	551429	39.973	ng		97
69) Atrazine	16.49	200	472587	42.463	ng		99
70) Pentachlorophenol	16.66	266	359103	42.672	ng		97
71) Phenanthrene	17.05	178	2582528	41.035	ng		99
72) Anthracene	17.15	178	2573051	41.551	ng		98
73) Carbazole	17.42	167	2532322	41.818	ng		99
74) Di-n-butylphthalate	18.00	149	2953087	42.864	ng		99
75) Fluoranthene	19.03	202	3105035	42.835	ng		100
77) Benzidine	19.22	184	1423971	56.454	ng		98
78) Pyrene	19.39	202	3227472	41.729	ng		99
80) Butylbenzylphthalate	20.28	149	1402425	45.543	ng		93
81) Benzo(a)anthracene	21.10	228	2942499	41.385	ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	1132485	45.462	ng		99
83) Chrysene	21.15	228	2821806	41.353	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	2023302	42.999	ng		99
85) Di-n-octyl phthalate	21.92	149	3594401	45.960	ng		98
87) Indeno(1,2,3-cd)pyrene	25.54	276	3595224	41.240	ng	#	95
88) Benzo(b)fluoranthene	22.66	252	3161613m	41.173	ng		
89) Benzo(k)fluoranthene	22.70	252	2968827	40.290	ng		98
90) Benzo(a)pyrene	23.22	252	2924950	41.064	ng		97
91) Dibenzo(a,h)anthracene	25.56	278	2906578	40.892	ng	#	95
92) Benzo(g,h,i)perylene	26.22	276	2960693	40.835	ng	#	96

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

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