Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002332.D
Acq On : 01 Jun 2020 11:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/2/2020 3:23:28 PM

Quant Time: Jun 01 12:42:27 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	7.61	152	267238	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1076101	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	613041	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1280943	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1203557	20.00	ng	0.01
86) Perylene-d12	23.33	264	1348591	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1234025	86.73	ng	0.00
7) Phenol-d6	6.80	99	1589502	82.12	ng	0.00
23) Nitrobenzene-d5	8.76	82	1496019	83.58	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	474027	81.59	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2922150	84.11	ng	0.00
79) Terphenyl-d14	19.60	244	3939324	79.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	286772	43.828	ng	99
3) Pyridine	3.56	79	812169	43.369	ng	100
4) n-Nitrosodimethylamine	3.48	42	310557	43.053	ng	99
6) Aniline	6.94	93	1077949	40.306	ng	99
8) 2-Chlorophenol	7.18	128	679593	41.738	ng	99
9) Benzaldehyde	6.75	77	450520	41.641	ng	98
10) Phenol	6.82	94	872734	40.976	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	725568	40.920	ng	98
12) 1,3-Dichlorobenzene	7.50	146	779961	41.803	ng	99
13) 1,4-Dichlorobenzene	7.65	146	776163	41.421	ng	96
14) 1,2-Dichlorobenzene	7.96	146	745116	41.592	ng	99
15) Benzyl Alcohol	7.85	79	607839	41.328	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1020931	41.732	ng	99
17) 2-Methylphenol	8.06	107	615678	40.473	ng	98
18) Hexachloroethane	8.68	117	289319	43.141	ng	98
19) n-Nitroso-di-n-propylamine	8.42	70	520310	40.536	ng	98
20) 3+4-Methylphenols	8.39	107	830839	40.192	ng	97
22) Acetophenone	8.42	105	998542	40.642	ng	100
24) Nitrobenzene	8.80	77	795676	40.779	ng	100
25) Isophorone	9.32	82	1484143	40.374	ng	100
26) 2-Nitrophenol	9.50	139	357035	42.950	ng	98
27) 2,4-Dimethylphenol	9.58	122	556529	40.660	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	895425	40.030	ng	100
29) 2,4-Dichlorophenol	10.04	162	611682	40.554	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	695169	40.928	ng	99
31) Naphthalene	10.43	128	2016725	39.962	ng	100
32) Benzoic acid	9.72	122	397350	38.452	ng	99
33) 4-Chloroaniline	10.55	127	871530	39.316	ng	99
34) Hexachlorobutadiene	10.74	225	409501	41.338	ng	98
35) Caprolactam	11.31	113	208169	39.845	ng	96
36) 4-Chloro-3-methylphenol	11.69	107	644018	39.647	ng	100
37) 2-Methylnaphthalene	12.06	142	1407190	39.768	ng	99
38) 1-Methylnaphthalene	12.28	142	1320647	39.316	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	681363	41.824	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	380557	43.936	ng		98
43) 2,4,6-Trichlorophenol	12.68	196	469363	41.610	ng		98
44) 2,4,5-Trichlorophenol	12.75	196	543990	41.557	ng		97
46) 1,1'-Biphenyl	13.09	154	1656271	41.229	ng		99
47) 2-Chloronaphthalene	13.12	162	1353038	40.824	ng		99
48) 2-Nitroaniline	13.32	65	440097	43.182	ng		99
49) Acenaphthylene	13.97	152	2150506	40.949	ng		99
50) Dimethylphthalate	13.73	163	1694581	40.838	ng		100
51) 2,6-Dinitrotoluene	13.83	165	367412	40.799	ng		96
52) Acenaphthene	14.32	154	1259507	37.280	ng		99
53) 3-Nitroaniline	14.16	138	425124	41.260	ng		98
54) 2,4-Dinitrophenol	14.37	184	196812	43.251	ng		96
55) Dibenzofuran	14.66	168	2022506	40.486	ng		99
56) 4-Nitrophenol	14.49	139	332283	40.804	ng		98
57) 2,4-Dinitrotoluene	14.63	165	496790	41.043	ng		97
58) Fluorene	15.32	166	1472167	39.735	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.89	232	423437m	40.614	ng		
60) Diethylphthalate	15.10	149	1672966	40.770	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	782643	40.030	ng		99
62) 4-Nitroaniline	15.33	138	403247	42.279	ng		95
63) Azobenzene	15.61	77	1711905	40.684	ng		99
65) 4,6-Dinitro-2-methylphenol	15.40	198	276740	43.688	ng		97
66) n-Nitrosodiphenylamine	15.53	169	1398711	41.586	ng		96
67) 4-Bromophenyl-phenylether	16.22	248	525061	41.709	ng		97
68) Hexachlorobenzene	16.33	284	536076	40.307	ng		97
69) Atrazine	16.50	200	462132	43.070	ng		99
70) Pentachlorophenol	16.67	266	320935	39.557	ng		97
71) Phenanthrene	17.06	178	2466368	40.649	ng		100
72) Anthracene	17.15	178	2468237	41.343	ng		100
73) Carbazole	17.42	167	2435506	41.717	ng		99
74) Di-n-butylphthalate	18.00	149	2921931	43.991	ng		100
75) Fluoranthene	19.04	202	2935877	42.010	ng		99
77) Benzidine	19.22	184	1387975	56.788	ng		99
78) Pyrene	19.39	202	2998818	40.014	ng		98
80) Butylbenzylphthalate	20.29	149	1372200	45.988	ng		92
81) Benzo(a)anthracene	21.10	228	2833604	41.129	ng		99
82) 3,3'-Dichlorobenzidine	21.04	252	1098555	45.512	ng		98
83) Chrysene	21.16	228	2681481	40.554	ng		98
84) Bis(2-ethylhexyl)phthalate	21.06	149	1991635	43.681	ng		98
85) Di-n-octyl phthalate	21.93	149	3498338	46.163	ng		98
87) Indeno(1,2,3-cd)pyrene	25.56	276	3539017	42.397	ng		96
88) Benzo(b)fluoranthene	22.67	252	2944317m	40.045	ng		
89) Benzo(k)fluoranthene	22.72	252	2855606	40.473	ng		99
90) Benzo(a)pyrene	23.23	252	2804163	41.115	ng		97
91) Dibenzo(a,h)anthracene	25.58	278	2861671	42.047	ng	#	95
92) Benzo(g,h,i)perylene	26.24	276	2902729	41.812	ng		94

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

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