Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002703.D
Acq On : 09 Jul 2020 18:31
Operator : CG/JU
Sample : PB130070BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Manual Integrations APPROVED
mohammad
7/10/2020 11:52:13 AM

Quant Time: Jul 09 19:12:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	83801	20.00	ng		-0.01
21) Naphthalene-d8	10.34	136	396767	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	287342	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	704605	20.00	ng		0.00
76) Chrysene-d12	21.09	240	787182	20.00	ng		0.00
86) Perylene-d12	23.28	264	937041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	859429	173.64	ng		0.00
7) Phenol-d6	6.77	99	1229752	178.01	ng		0.00
23) Nitrobenzene-d5	8.71	82	725392	94.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	483880	138.45	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	1691753	86.66	ng		-0.01
79) Terphenyl-d14	19.56	244	3108698	85.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	77194	36.389	ng		99
3) Pyridine	3.52	79	252195	40.112	ng		98
4) n-Nitrosodimethylamine	3.43	42	118696	44.475	ng	#	86
6) Aniline	6.90	93	407691	46.977	ng		99
8) 2-Chlorophenol	7.14	128	322143	58.592	ng		96
9) Benzaldehyde	6.72	77	98638	25.135	ng		97
10) Phenol	6.79	94	457918	65.731	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	309997	54.215	ng		99
12) 1,3-Dichlorobenzene	7.46	146	296225	46.691	ng		99
13) 1,4-Dichlorobenzene	7.60	146	304814	47.159	ng		99
14) 1,2-Dichlorobenzene	7.92	146	297533	47.822	ng		100
15) Benzyl Alcohol	7.81	79	280703	54.076	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	423028	53.101	ng		99
17) 2-Methylphenol	8.03	107	294280	56.435	ng		97
18) Hexachloroethane	8.63	117	105965	45.424	ng		98
19) n-Nitroso-di-n-propylamine	8.37	70	250718	55.314	ng		97
20) 3+4-Methylphenols	8.36	107	404665	57.561	ng		97
22) Acetophenone	8.38	105	473567	47.156	ng	#	97
24) Nitrobenzene	8.75	77	379034	46.503	ng		100
25) Isophorone	9.27	82	735880	47.680	ng		98
26) 2-Nitrophenol	9.46	139	172132	46.306	ng		95
27) 2,4-Dimethylphenol	9.54	122	319374	56.700	ng		96
28) bis(2-Chloroethoxy)methane	9.76	93	450422	50.806	ng		100
29) 2,4-Dichlorophenol	10.00	162	335696	51.712	ng		97
30) 1,2,4-Trichlorobenzene	10.21	180	315888	43.223	ng		100
31) Naphthalene	10.39	128	986895	46.986	ng		100
32) Benzoic acid	9.70	122	180743	42.150	ng		96
33) 4-Chloroaniline	10.50	127	360050	39.190	ng		99
34) Hexachlorobutadiene	10.69	225	169051	37.791	ng		97
35) Caprolactam	11.26	113	140455	64.365	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	392625	55.183	ng		98
37) 2-Methylnaphthalene	12.01	142	751102	49.045	ng		97
38) 1-Methylnaphthalene	12.23	142	712534	49.401	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	371634	41.420	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	265161	57.895 ng		96
43) 2,4,6-Trichlorophenol	12.65	196	279001	45.957 ng		100
44) 2,4,5-Trichlorophenol	12.73	196	307398	43.986 ng		97
46) 1,1'-Biphenyl	13.04	154	969678	44.613 ng		98
47) 2-Chloronaphthalene	13.08	162	771478	43.603 ng		96
48) 2-Nitroaniline	13.29	65	279594	49.534 ng		94
49) Acenaphthylene	13.93	152	1296777	46.571 ng		99
50) Dimethylphthalate	13.68	163	1068702	47.354 ng		100
51) 2,6-Dinitrotoluene	13.80	165	242019	49.654 ng		93
52) Acenaphthene	14.28	154	760119	46.268 ng		97
53) 3-Nitroaniline	14.13	138	224936	42.383 ng		97
54) 2,4-Dinitrophenol	14.35	184	229805	75.961 ng		93
55) Dibenzofuran	14.62	168	1244031	46.726 ng		98
56) 4-Nitrophenol	14.47	139	443708	105.119 ng		90
57) 2,4-Dinitrotoluene	14.60	165	349733	53.339 ng		98
58) Fluorene	15.27	166	994630	49.053 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	292798	51.864 ng		97
60) Diethylphthalate	15.06	149	1101906	49.101 ng		100
61) 4-Chlorophenyl-phenylether	15.27	204	492745	45.314 ng		94
62) 4-Nitroaniline	15.30	138	301859	56.907 ng		88
63) Azobenzene	15.57	77	1118462	51.544 ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	200580	44.442 ng		97
66) n-Nitrosodiphenylamine	15.49	169	952682	46.316 ng		98
67) 4-Bromophenyl-phenylether	16.17	248	324701	41.008 ng		98
68) Hexachlorobenzene	16.29	284	360872	42.543 ng		96
69) Atrazine	16.46	200	332890	50.437 ng		99
70) Pentachlorophenol	16.64	266	409602	84.344 ng		96
71) Phenanthrene	17.02	178	1839378	48.519 ng		100
72) Anthracene	17.11	178	1876595	49.744 ng		99
73) Carbazole	17.39	167	1873469	51.386 ng		98
74) Di-n-butylphthalate	17.96	149	2073611	48.293 ng		99
75) Fluoranthene	19.00	202	2383288	51.936 ng		98
77) Benzidine	19.19	184	1515299	Below Cal		98
78) Pyrene	19.36	202	2453950	45.799 ng		99
80) Butylbenzylphthalate	20.25	149	1062436	45.419 ng		99
81) Benzo(a)anthracene	21.07	228	2450166	47.610 ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	811897	43.092 ng	#	99
83) Chrysene	21.12	228	2370233	48.030 ng		97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1538704	45.809 ng		98
85) Di-n-octyl phthalate	21.88	149	2895617	48.807 ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3575702	52.998 ng		97
88) Benzo(b)fluoranthene	22.63	252	2764194	46.230 ng		99
89) Benzo(k)fluoranthene	22.67	252	2794221m	50.094 ng		
90) Benzo(a)pyrene	23.19	252	2680278	48.849 ng		98
91) Dibenzo(a,h)anthracene	25.51	278	2893770	52.489 ng		98
92) Benzo(g,h,i)perylene	26.17	276	3025569	54.874 ng		99

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

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