Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007117.D
Acq On : 23 Sep 2021 09:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 11:13:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:50 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	251316	20.000	ng		-0.01
21) Naphthalene-d8	10.693	136	957315	20.000	ng		#-0.01
39) Acenaphthene-d10	14.528	164	620448	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1346396	20.000	ng		# 0.00
76) Chrysene-d12	21.357	240	1367430	20.000	ng		# 0.00
86) Perylene-d12	23.769	264	1476865	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1160647	77.307	ng		-0.01
7) Phenol-d6	7.064	99	1569792	76.502	ng		0.00
23) Nitrobenzene-d5	9.058	82	1291286	78.553	ng		-0.01
42) 2,4,6-Tribromophenol	16.016	330	684147	85.053	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3339170	77.102	ng		-0.01
79) Terphenyl-d14	19.833	244	5486925	76.891	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	232424	38.282	ng	#	87
3) Pyridine	3.770	79	648658	39.043	ng	#	87
4) n-Nitrosodimethylamine	3.675	42	218951	38.442	ng	#	75
6) Aniline	7.222	93	860905	38.062	ng		99
8) 2-Chlorophenol	7.458	128	629144	38.558	ng		98
9) Benzaldehyde	7.034	77	452644m	39.160	ng		
10) Phenol	7.087	94	754100	38.118	ng		91
11) bis(2-Chloroethyl)ether	7.322	93	583125	37.341	ng		97
12) 1,3-Dichlorobenzene	7.781	146	704942	38.301	ng		97
13) 1,4-Dichlorobenzene	7.928	146	715924	38.155	ng		98
14) 1,2-Dichlorobenzene	8.246	146	693470	38.139	ng		99
15) Benzyl Alcohol	8.134	79	504999	38.425	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.422	45	654117	36.582	ng		89
17) 2-Methylphenol	8.340	107	514168	38.553	ng		94
18) Hexachloroethane	8.975	117	242417	38.481	ng		95
19) n-Nitroso-di-n-propyla...	8.705	70	418260	37.477	ng		98
20) 3+4-Methylphenols	8.669	107	706681	38.322	ng		95
22) Acetophenone	8.722	105	892190	38.678	ng		99
24) Nitrobenzene	9.099	77	614720	39.222	ng		97
25) Isophorone	9.628	82	1127741	39.343	ng		97
26) 2-Nitrophenol	9.810	139	337468	41.293	ng	#	87
27) 2,4-Dimethylphenol	9.869	122	509417	39.589	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	763693	37.764	ng		99
29) 2,4-Dichlorophenol	10.346	162	602125	40.114	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	666666	38.986	ng		98
31) Naphthalene	10.746	128	1891939	38.723	ng		99
32) Benzoic acid	10.005	122	430671	43.547	ng		95
33) 4-Chloroaniline	10.857	127	801916	39.728	ng		98
34) Hexachlorobutadiene	11.034	225	411854	40.225	ng		98
35) Caprolactam	11.646	113	195518	42.340	ng	#	79
36) 4-Chloro-3-methylphenol	11.981	107	610101	39.987	ng		96
37) 2-Methylnaphthalene	12.351	142	1322476	38.657	ng		96
38) 1-Methylnaphthalene	12.575	142	1294360	38.722	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	741174	39.009	ng		98
41) Hexachlorocyclopentadiene	12.699	237	399042	37.894	ng		100
43) 2,4,6-Trichlorophenol	12.963	196	520053	40.113	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	556713	39.876	ng		97
46) 1,1'-Biphenyl	13.363	154	1762161	38.183	ng		100
47) 2-Chloronaphthalene	13.404	162	1376468	38.503	ng		97
48) 2-Nitroaniline	13.604	65	357508	41.017	ng		93
49) Acenaphthylene	14.246	152	2176812	39.534	ng		100
50) Dimethylphthalate	13.987	163	1762203	39.490	ng		100
51) 2,6-Dinitrotoluene	14.104	165	375418	41.185	ng		88
52) Acenaphthene	14.587	154	1286187	38.555	ng		100
53) 3-Nitroaniline	14.428	138	409988	41.598	ng		98
54) 2,4-Dinitrophenol	14.640	184	233545	44.477	ng		89
55) Dibenzofuran	14.922	168	2165753	38.911	ng		95
56) 4-Nitrophenol	14.734	139	351782	43.965	ng	#	82
57) 2,4-Dinitrotoluene	14.887	165	512656	42.619	ng		92
58) Fluorene	15.575	166	1689261	39.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	499719	40.762	ng		96
60) Diethylphthalate	15.345	149	1744572	40.346	ng		98
61) 4-Chlorophenyl-phenyle...	15.569	204	888824	39.117	ng		93
62) 4-Nitroaniline	15.592	138	433481	43.732	ng	#	81
63) Azobenzene	15.857	77	1473102	39.314	ng		94
65) 4,6-Dinitro-2-methylph...	15.651	198	339816	42.058	ng		99
66) n-Nitrosodiphenylamine	15.781	169	1514939	37.816	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	561592	38.057	ng		95
68) Hexachlorobenzene	16.581	284	626795	38.434	ng		96
69) Atrazine	16.739	200	564829	39.999	ng		98
70) Pentachlorophenol	16.922	266	418355	41.307	ng		99
71) Phenanthrene	17.316	178	2750040	38.093	ng		99
72) Anthracene	17.410	178	2730822	38.668	ng		100
73) Carbazole	17.681	167	2728381	39.425	ng		99
74) Di-n-butylphthalate	18.228	149	3097351	40.386	ng		99
75) Fluoranthene	19.281	202	3334898	40.095	ng		97
77) Benzidine	19.463	184	1903183	45.289	ng		99
78) Pyrene	19.633	202	3424682	38.173	ng		99
80) Butylbenzylphthalate	20.510	149	1479861	41.189	ng		93
81) Benzo(a)anthracene	21.345	228	3438586	38.741	ng		99
82) 3,3'-Dichlorobenzidine	21.275	252	1247869	40.937	ng		100
83) Chrysene	21.398	228	3313742	39.063	ng		99
84) Bis(2-ethylhexyl)phtha...	21.269	149	2114380	40.933	ng		98
85) Di-n-octyl phthalate	22.192	149	3675153	41.790	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4199367	39.566	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	3354132m	38.003	ng		
89) Benzo(k)fluoranthene	23.086	252	3459072	38.709	ng	#	98
90) Benzo(a)pyrene	23.669	252	2897908	38.647	ng	#	97
91) Dibenzo(a,h)anthracene	26.315	278	3500861	39.360	ng	#	96
92) Benzo(g,h,i)perylene	27.074	276	3420869	39.411	ng	#	95

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

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