Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007024.D
Acq On : 17 Sep 2021 13:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 14:32:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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9/20/2021 4:21:26 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	286375	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1098257	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	679778	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1420432	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1507536	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1546461	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1339468	76.377	ng		0.00
7) Phenol-d6	7.069	99	1827145	76.331	ng		0.00
23) Nitrobenzene-d5	9.069	82	1513675	77.409	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	664682	81.306	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3759514	76.349	ng		0.00
79) Terphenyl-d14	19.839	244	5942399	75.628	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	286302	37.282	ng	#	87
3) Pyridine	3.776	79	770321	39.013	ng	#	85
4) n-Nitrosodimethylamine	3.687	42	282112	38.893	ng	#	83
6) Aniline	7.234	93	982230	38.082	ng		98
8) 2-Chlorophenol	7.469	128	742975	37.798	ng		97
9) Benzaldehyde	7.046	77	463587	42.164	ng		94
10) Phenol	7.099	94	910554	37.735	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	693750	37.298	ng		95
12) 1,3-Dichlorobenzene	7.799	146	823501	37.392	ng		97
13) 1,4-Dichlorobenzene	7.946	146	833479	37.326	ng		97
14) 1,2-Dichlorobenzene	8.264	146	798828	37.360	ng		97
15) Benzyl Alcohol	8.146	79	595821	38.592	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	827967	38.078	ng		88
17) 2-Methylphenol	8.346	107	595310	38.407	ng		93
18) Hexachloroethane	8.987	117	280912	37.879	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	508910	38.724	ng		99
20) 3+4-Methylphenols	8.675	107	811379	38.674	ng		94
22) Acetophenone	8.734	105	1051068	37.946	ng		99
24) Nitrobenzene	9.111	77	777498	38.113	ng		97
25) Isophorone	9.640	82	1404159	38.847	ng		98
26) 2-Nitrophenol	9.822	139	362074	40.937	ng	#	89
27) 2,4-Dimethylphenol	9.881	122	593327	38.122	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	831705	37.923	ng		99
29) 2,4-Dichlorophenol	10.352	162	690871	38.855	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	753925	37.288	ng		98
31) Naphthalene	10.757	128	2264289	37.209	ng		100
32) Benzoic acid	10.005	122	401326	36.334	ng		95
33) 4-Chloroaniline	10.869	127	914633	38.710	ng		99
34) Hexachlorobutadiene	11.052	225	450525	37.837	ng		99
35) Caprolactam	11.652	113	203915	41.678	ng	#	73
36) 4-Chloro-3-methylphenol	11.987	107	699436	38.994	ng		99
37) 2-Methylnaphthalene	12.363	142	1623445	37.630	ng		96
38) 1-Methylnaphthalene	12.587	142	1525444	37.446	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	820152	37.912	ng		98
41) Hexachlorocyclopentadiene	12.716	237	397394	36.980	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	554799	39.672	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	605262	39.282	ng		96
46) 1,1'-Biphenyl	13.375	154	1996377	37.650	ng		99
47) 2-Chloronaphthalene	13.416	162	1583994	37.913	ng		97
48) 2-Nitroaniline	13.616	65	397662	41.540	ng		97
49) Acenaphthylene	14.257	152	2464783	38.932	ng		100
50) Dimethylphthalate	13.999	163	1931095	38.921	ng		99
51) 2,6-Dinitrotoluene	14.110	165	435226	40.307	ng		96
52) Acenaphthene	14.598	154	1524218	38.037	ng		99
53) 3-Nitroaniline	14.440	138	444406	41.173	ng		99
54) 2,4-Dinitrophenol	14.640	184	227313	39.701	ng		95
55) Dibenzofuran	14.934	168	2479868	38.208	ng		96
56) 4-Nitrophenol	14.734	139	386778	42.222	ng	#	85
57) 2,4-Dinitrotoluene	14.893	165	577499	41.787	ng		98
58) Fluorene	15.581	166	1959698	38.685	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	526946m	39.761	ng		
60) Diethylphthalate	15.357	149	1880957	39.419	ng		99
61) 4-Chlorophenyl-phenyle...	15.575	204	970272	38.187	ng		93
62) 4-Nitroaniline	15.598	138	460045	42.400	ng	#	81
63) Azobenzene	15.869	77	1766246	39.969	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	336942	39.116	ng		95
66) n-Nitrosodiphenylamine	15.793	169	1713304	37.900	ng		98
67) 4-Bromophenyl-phenylether	16.475	248	589535	37.546	ng		95
68) Hexachlorobenzene	16.587	284	664983	37.672	ng		98
69) Atrazine	16.745	200	560977	41.734	ng		98
70) Pentachlorophenol	16.928	266	437835	41.303	ng		99
71) Phenanthrene	17.328	178	3112396	37.770	ng		99
72) Anthracene	17.416	178	3045151	38.624	ng		100
73) Carbazole	17.687	167	3004484	39.063	ng		98
74) Di-n-butylphthalate	18.239	149	3229781	41.059	ng		99
75) Fluoranthene	19.286	202	3706452	39.051	ng		97
77) Benzidine	19.469	184	1339172	39.590	ng		99
78) Pyrene	19.639	202	3898127	37.315	ng		98
80) Butylbenzylphthalate	20.516	149	1490855	40.764	ng		96
81) Benzo(a)anthracene	21.345	228	3946717	38.527	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1194461	41.006	ng	#	98
83) Chrysene	21.398	228	3800142	37.804	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2229449	41.471	ng		98
85) Di-n-octyl phthalate	22.204	149	3774242	42.955	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4547255	38.745	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4032609	38.392	ng	#	97
89) Benzo(k)fluoranthene	23.086	252	3965704	38.790	ng	#	97
90) Benzo(a)pyrene	23.669	252	3662793	38.885	ng	#	98
91) Dibenzo(a,h)anthracene	26.321	278	3927503	38.684	ng	#	96
92) Benzo(g,h,i)perylene	27.080	276	3761586	38.403	ng	#	93

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

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