Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052721\
Data File : BP005629.D
Acq On : 27 May 2021 13:55
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 27 14:45:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:31:56 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	193271	20.00	ng		0.00
21) Naphthalene-d8	10.798	136	707766	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	431829	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	868390	20.00	ng		# 0.00
76) Chrysene-d12	21.421	240	916190	20.00	ng		# 0.00
86) Perylene-d12	23.862	264	983004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1475421	146.50	ng		0.00
7) Phenol-d6	7.152	99	1991348	158.58	ng		0.00
23) Nitrobenzene-d5	9.157	82	1695573	94.29	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	708812	57.84	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	3877253	101.28	ng		0.00
79) Terphenyl-d14	19.898	244	5779475	107.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	332141	74.93	ng	#	89
3) Pyridine	3.834	79	891553m	99.98	ng		
4) n-Nitrosodimethylamine	3.740	42	377860	52.69	ng	#	27
6) Aniline	7.316	93	1150020	84.85	ng		93
8) 2-Chlorophenol	7.552	128	824121	76.19	ng		92
9) Benzaldehyde	7.128	77	423174m	58.35	ng		
10) Phenol	7.175	94	1016520	80.93	ng		100
11) bis(2-Chloroethyl)ether	7.416	93	774090	89.23	ng		98
12) 1,3-Dichlorobenzene	7.881	146	916399	63.68	ng		97
13) 1,4-Dichlorobenzene	8.028	146	930546	64.87	ng		97
14) 1,2-Dichlorobenzene	8.346	146	885183	64.39	ng		99
15) Benzyl Alcohol	8.234	79	729815	60.25	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.528	45	866358	202.28	ng		83
17) 2-Methylphenol	8.434	107	661285	76.66	ng		95
18) Hexachloroethane	9.081	117	334628	56.32	ng		89
19) n-Nitroso-di-n-propyla...	8.810	70	625453	68.02	ng		96
20) 3+4-Methylphenols	8.763	107	876327	76.42	ng		94
22) Acetophenone	8.816	105	1134892	56.84	ng	#	97
24) Nitrobenzene	9.199	77	909785	50.43	ng		93
25) Isophorone	9.728	82	1714386	61.56	ng	#	97
26) 2-Nitrophenol	9.910	139	343734	45.51	ng	#	80
27) 2,4-Dimethylphenol	9.969	122	664270	66.44	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	914921	78.49	ng		97
29) 2,4-Dichlorophenol	10.440	162	737459	46.97	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	837095	41.74	ng		99
31) Naphthalene	10.851	128	2506121	65.85	ng		97
32) Benzoic acid	10.116	122	380579	49.28	ng		95
33) 4-Chloroaniline	10.951	127	1047079	70.64	ng	#	91
34) Hexachlorobutadiene	11.140	225	524486	31.36	ng		99
35) Caprolactam	11.751	113	216444	59.92	ng	#	67
36) 4-Chloro-3-methylphenol	12.069	107	758956	54.23	ng		96
37) 2-Methylnaphthalene	12.451	142	1779830	58.30	ng	#	87
38) 1-Methylnaphthalene	12.669	142	1676365	58.16	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	872414	43.97	ng		97
41) Hexachlorocyclopentadiene	12.798	237	518182	76.77	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	567308	45.77	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	612151	45.76	ng	#	93
46) 1,1'-Biphenyl	13.451	154	2096441	63.05	ng		98
47) 2-Chloronaphthalene	13.492	162	1712325	61.85	ng		100
48) 2-Nitroaniline	13.692	65	428809	54.53	ng	#	82
49) Acenaphthylene	14.334	152	2693980	67.55	ng		99
50) Dimethylphthalate	14.075	163	2042466	54.79	ng		99
51) 2,6-Dinitrotoluene	14.186	165	444493	53.10	ng	#	68
52) Acenaphthene	14.675	154	1743784m	70.28	ng		
53) 3-Nitroaniline	14.510	138	461845	77.00	ng		86
54) 2,4-Dinitrophenol	14.716	184	188433	37.32	ng		93
55) Dibenzofuran	15.010	168	2602436	55.76	ng		99
56) 4-Nitrophenol	14.810	139	381050	84.17	ng	#	56
57) 2,4-Dinitrotoluene	14.969	165	581610	47.13	ng	#	66
58) Fluorene	15.657	166	2077642	54.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	522347m	39.05	ng		
60) Diethylphthalate	15.433	149	2046973	56.69	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	1032578	43.30	ng		98
62) 4-Nitroaniline	15.675	138	481054	83.49	ng	#	46
63) Azobenzene	15.945	77	2145414	57.65	ng		95
65) 4,6-Dinitro-2-methylph...	15.728	198	291599	42.37	ng		85
66) n-Nitrosodiphenylamine	15.863	169	1813785	71.57	ng		92
67) 4-Bromophenyl-phenylether	16.545	248	642183	47.38	ng		97
68) Hexachlorobenzene	16.663	284	762145	44.33	ng	#	95
69) Atrazine	16.816	200	517804	43.74	ng		97
70) Pentachlorophenol	16.998	266	418797	45.91	ng		97
71) Phenanthrene	17.398	178	3224082	65.34	ng		100
72) Anthracene	17.486	178	3224776	65.85	ng		99
73) Carbazole	17.751	167	3131251	72.60	ng		100
74) Di-n-butylphthalate	18.304	149	3482105	73.56	ng	#	92
75) Fluoranthene	19.351	202	3865791	56.96	ng		96
77) Benzidine	19.527	184	1046975	73.83	ng		99
78) Pyrene	19.704	202	3987676	76.88	ng		99
80) Butylbenzylphthalate	20.569	149	1536758	91.70	ng	#	95
81) Benzo(a)anthracene	21.404	228	4020839	67.73	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	1331716	59.54	ng	#	97
83) Chrysene	21.463	228	3859891	67.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2309455	90.12	ng	#	95
85) Di-n-octyl phthalate	22.268	149	3922678	91.13	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.439	276	5090095	61.55	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	4392183	67.05	ng	#	97
89) Benzo(k)fluoranthene	23.168	252	4011309	62.63	ng	#	96
90) Benzo(a)pyrene	23.757	252	3975010	66.20	ng	#	96
91) Dibenzo(a,h)anthracene	26.456	278	4406235	60.38	ng	#	94
92) Benzo(g,h,i)perylene	27.233	276	4257892	63.06	ng	#	91

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

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