Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052721\
Data File : BP005626.D
Acq On : 27 May 2021 12:09
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 27 13:36:17 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 :
SSTDICC020

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	158753	20.00	ng		0.00
21) Naphthalene-d8	10.798	136	632528	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	399194	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	830917	20.00	ng		# 0.00
76) Chrysene-d12	21.421	240	924652	20.00	ng		# 0.00
86) Perylene-d12	23.862	264	991600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	419183	50.67	ng		0.00
7) Phenol-d6	7.146	99	576032	55.84	ng		0.00
23) Nitrobenzene-d5	9.152	82	438120	27.26	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	196843	17.38	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	1205705	34.07	ng		0.00
79) Terphenyl-d14	19.892	244	2054587	37.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	95195	26.15	ng	#	88
3) Pyridine	3.834	79	245802	33.56	ng	#	89
4) n-Nitrosodimethylamine	3.734	42	105860	17.97	ng	#	27
6) Aniline	7.310	93	336930	30.26	ng		95
8) 2-Chlorophenol	7.552	128	235129	26.46	ng		95
9) Benzaldehyde	7.122	77	128246	21.53	ng		89
10) Phenol	7.169	94	295803	28.67	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	231370	32.47	ng		99
12) 1,3-Dichlorobenzene	7.881	146	268314	22.70	ng		97
13) 1,4-Dichlorobenzene	8.028	146	268432	22.78	ng		99
14) 1,2-Dichlorobenzene	8.346	146	261762	23.18	ng		99
15) Benzyl Alcohol	8.228	79	204903	20.59	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	263858	75.00	ng		82
17) 2-Methylphenol	8.428	107	191093	26.97	ng		96
18) Hexachloroethane	9.075	117	95590	19.59	ng		87
19) n-Nitroso-di-n-propyla...	8.799	70	183219	24.26	ng		97
20) 3+4-Methylphenols	8.757	107	258571	27.45	ng		95
22) Acetophenone	8.816	105	339102	19.00	ng	#	97
24) Nitrobenzene	9.193	77	248648	15.42	ng		97
25) Isophorone	9.722	82	503766	20.24	ng	#	96
26) 2-Nitrophenol	9.910	139	76536	11.34	ng	#	82
27) 2,4-Dimethylphenol	9.963	122	190509	21.32	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	272095	26.12	ng		97
29) 2,4-Dichlorophenol	10.440	162	205176	14.62	ng		97
30) 1,2,4-Trichlorobenzene	10.657	180	246408	13.75	ng		96
31) Naphthalene	10.846	128	753316	22.15	ng		97
32) Benzoic acid	10.057	122	80559	11.67	ng		98
33) 4-Chloroaniline	10.951	127	313073	23.63	ng	#	90
34) Hexachlorobutadiene	11.140	225	153857	10.29	ng		97
35) Caprolactam	11.728	113	57179	17.71	ng	#	60
36) 4-Chloro-3-methylphenol	12.063	107	216517	17.31	ng		97
37) 2-Methylnaphthalene	12.451	142	537846	19.71	ng	#	88
38) 1-Methylnaphthalene	12.669	142	506872	19.68	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	261525	14.26	ng		96
41) Hexachlorocyclopentadiene	12.798	237	142564	22.85	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	156882	13.69	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	166547	13.47	ng	#	93
46) 1,1'-Biphenyl	13.451	154	649126	21.12	ng		99
47) 2-Chloronaphthalene	13.492	162	524969	20.51	ng		99
48) 2-Nitroaniline	13.687	65	97181	13.37	ng	#	83
49) Acenaphthylene	14.334	152	816777	22.15	ng		100
50) Dimethylphthalate	14.069	163	633111	18.37	ng		99
51) 2,6-Dinitrotoluene	14.181	165	112964	14.60	ng	#	72
52) Acenaphthene	14.675	154	524532	22.87	ng		97
53) 3-Nitroaniline	14.510	138	117360	21.17	ng	#	86
54) 2,4-Dinitrophenol	14.710	184	40544	8.69	ng		96
55) Dibenzofuran	15.004	168	820324	19.01	ng		98
56) 4-Nitrophenol	14.798	139	95102	22.72	ng	#	60
57) 2,4-Dinitrotoluene	14.963	165	138347	12.13	ng	#	73
58) Fluorene	15.657	166	656746	18.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	147510m	11.93	ng		
60) Diethylphthalate	15.428	149	633010	18.96	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	329273	14.94	ng		98
62) 4-Nitroaniline	15.663	138	121510	22.81	ng	#	50
63) Azobenzene	15.939	77	669428	19.46	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	64858	9.85	ng		82
66) n-Nitrosodiphenylamine	15.863	169	572392	23.60	ng	#	93
67) 4-Bromophenyl-phenylether	16.545	248	197917	15.26	ng		97
68) Hexachlorobenzene	16.657	284	239463	14.56	ng	#	92
69) Atrazine	16.810	200	163073	14.40	ng		98
70) Pentachlorophenol	16.998	266	114179	13.08	ng		96
71) Phenanthrene	17.392	178	1049317	22.22	ng		100
72) Anthracene	17.486	178	1025716	21.89	ng		99
73) Carbazole	17.751	167	1021831	24.76	ng		99
74) Di-n-butylphthalate	18.304	149	1087022	24.00	ng	#	91
75) Fluoranthene	19.351	202	1265956	19.49	ng		96
77) Benzidine	19.527	184	310794	21.71	ng		98
78) Pyrene	19.698	202	1314706	25.11	ng		100
80) Butylbenzylphthalate	20.569	149	454298	26.86	ng	#	95
81) Benzo(a)anthracene	21.404	228	1376330	22.97	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	442115	19.58	ng	#	96
83) Chrysene	21.457	228	1332982	22.95	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	734015	28.38	ng	#	93
85) Di-n-octyl phthalate	22.263	149	1203004	27.69	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.421	276	1699620	20.37	ng	#	89
88) Benzo(b)fluoranthene	23.115	252	1453892	22.00	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	1375560	21.29	ng	#	97
90) Benzo(a)pyrene	23.757	252	1303995	21.53	ng	#	96
91) Dibenzo(a,h)anthracene	26.445	278	1476406	20.06	ng	#	94
92) Benzo(g,h,i)perylene	27.215	276	1420641	20.86	ng	#	90

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

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