Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005642.D
Acq On : 28 May 2021 16:56
Operator : CG/JU
Sample : M2560-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 28 17:27:33 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 16:11:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
S1-COMP-A-B-C-DMS

Manual Integrations APPROVED
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6/1/2021 1:18:37 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	206432	20.00	ng		0.00
21) Naphthalene-d8	10.792	136	789393	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	477583	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	982403	20.00	ng		# 0.00
76) Chrysene-d12	21.421	240	1103266	20.00	ng		# 0.00
86) Perylene-d12	23.862	264	1334416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1585423	119.40	ng		0.00
7) Phenol-d6	7.146	99	1969527	108.81	ng		0.00
23) Nitrobenzene-d5	9.151	82	1231430	86.76	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	830335	135.59	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	2559036	70.91	ng		0.00
79) Terphenyl-d14	19.898	244	3831797	65.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	192666	31.70	ng	#	89
3) Pyridine	3.822	79	502562	33.41	ng	#	90
4) n-Nitrosodimethylamine	3.728	42	261640	39.05	ng	#	28
6) Aniline	7.310	93	478292	22.60	ng		95
8) 2-Chlorophenol	7.545	128	605795	40.75	ng		93
9) Benzaldehyde	7.122	77	402774	51.40	ng		92
10) Phenol	7.175	94	772105	41.78	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	562898	39.45	ng		98
12) 1,3-Dichlorobenzene	7.875	146	652764	38.68	ng		98
13) 1,4-Dichlorobenzene	8.022	146	665503	38.91	ng		97
14) 1,2-Dichlorobenzene	8.340	146	636398	38.91	ng		99
15) Benzyl Alcohol	8.228	79	524013	40.36	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.522	45	633049	38.76	ng		84
17) 2-Methylphenol	8.428	107	488860	40.63	ng		96
18) Hexachloroethane	9.075	117	242331	39.93	ng		91
19) n-Nitroso-di-n-propyla...	8.798	70	427762	37.15	ng		97
20) 3+4-Methylphenols	8.757	107	647366	40.39	ng		95
22) Acetophenone	8.810	105	855756	40.64	ng	#	97
24) Nitrobenzene	9.192	77	649544	41.20	ng		92
25) Isophorone	9.722	82	1113196	35.32	ng	#	98
26) 2-Nitrophenol	9.904	139	284116	47.21	ng	#	80
27) 2,4-Dimethylphenol	9.963	122	546941	45.22	ng		98
28) bis(2-Chloroethoxy)met...	10.204	93	701588	41.37	ng		99
29) 2,4-Dichlorophenol	10.439	162	545769	41.95	ng		97
30) 1,2,4-Trichlorobenzene	10.657	180	602568	39.11	ng		98
31) Naphthalene	10.845	128	1786203	38.00	ng		98
32) Benzoic acid	10.092	122	358215	53.13	ng		96
33) 4-Chloroaniline	10.951	127	213971	10.93	ng	#	90
34) Hexachlorobutadiene	11.134	225	373379	38.80	ng		99
35) Caprolactam	11.733	113	170423m	47.84	ng		
36) 4-Chloro-3-methylphenol	12.069	107	561986	41.04	ng		94
37) 2-Methylnaphthalene	12.445	142	1272487	38.20	ng	#	88
38) 1-Methylnaphthalene	12.663	142	1179403	37.32	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.810	216	672718	42.23	ng	#	97
41) Hexachlorocyclopentadiene	12.798	237	809626	91.28	ng		97
43) 2,4,6-Trichlorophenol	13.045	196	433447	44.86	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	473840	45.35	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1579896	40.74	ng		99
47) 2-Chloronaphthalene	13.492	162	1228650	38.98	ng		99
48) 2-Nitroaniline	13.686	65	336173	45.21	ng	#	78
49) Acenaphthylene	14.333	152	1945050	39.59	ng		98
50) Dimethylphthalate	14.069	163	1801929	47.44	ng		99
51) 2,6-Dinitrotoluene	14.180	165	317257	38.89	ng	#	66
52) Acenaphthene	14.675	154	1333433m	41.75	ng		
53) 3-Nitroaniline	14.504	138	177926	23.46	ng		84
54) 2,4-Dinitrophenol	14.710	184	260374	75.30	ng		95
55) Dibenzofuran	15.004	168	1848593	37.76	ng		98
56) 4-Nitrophenol	14.810	139	613614	86.29	ng	#	59
57) 2,4-Dinitrotoluene	14.963	165	432644	42.24	ng	#	67
58) Fluorene	15.651	166	1494636	38.19	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	411374m	45.50	ng		
60) Diethylphthalate	15.427	149	1512090	39.67	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	765191	39.10	ng		98
62) 4-Nitroaniline	15.663	138	304855	36.03	ng	#	46
63) Azobenzene	15.939	77	1499848	37.58	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	168859	37.56	ng		81
66) n-Nitrosodiphenylamine	15.857	169	1304727	38.98	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	483985	40.90	ng		95
68) Hexachlorobenzene	16.657	284	571436	40.55	ng	#	91
69) Atrazine	16.816	200	476842	49.84	ng		94
70) Pentachlorophenol	16.998	266	712168	100.77	ng		96
71) Phenanthrene	17.392	178	2404055	39.28	ng		98
72) Anthracene	17.486	178	2423751	40.11	ng		99
73) Carbazole	17.751	167	2212875	37.21	ng		99
74) Di-n-butylphthalate	18.304	149	2630575	41.30	ng	#	92
75) Fluoranthene	19.351	202	2942544	40.05	ng		95
77) Benzidine	19.521	184	1116939	53.31	ng		99
78) Pyrene	19.704	202	3079254	39.55	ng		99
80) Butylbenzylphthalate	20.568	149	1244941	40.26	ng	#	92
81) Benzo(a)anthracene	21.404	228	3235481	39.96	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	712638	27.25	ng	#	95
83) Chrysene	21.456	228	3120242	39.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1847852	42.02	ng	#	96
85) Di-n-octyl phthalate	22.262	149	3345403	45.26	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.433	276	4741607	41.76	ng	#	91
88) Benzo(b)fluoranthene	23.115	252	3725421	38.48	ng	#	97
89) Benzo(k)fluoranthene	23.168	252	3597729	39.21	ng	#	97
90) Benzo(a)pyrene	23.750	252	3661867	41.57	ng	#	97
91) Dibenzo(a,h)anthracene	26.450	278	3981600	40.41	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	3989499	41.98	ng	#	92

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

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