Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022021\
Data File : BP004839.D
Acq On : 20 Feb 2021 13:01
Operator : CG/JU
Sample : PB134739BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 22 04:30:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB134739BSD

Manual Integrations APPROVED

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2/22/2021 2:11:33 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	41515	20.00	ng		0.00
21) Naphthalene-d8	10.552	136	162534	20.00	ng	#	0.00
39) Acenaphthene-d10	14.410	164	98893	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	208800	20.00	ng		0.00
76) Chrysene-d12	21.251	240	206137	20.00	ng	#	0.00
86) Perylene-d12	23.551	264	199021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	350715	130.43	ng		0.00
7) Phenol-d6	6.946	99	447915	121.14	ng		0.00
23) Nitrobenzene-d5	8.922	82	230117	61.69	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	163293	124.28	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	524805	64.86	ng		0.00
79) Terphenyl-d14	19.728	244	744607	60.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	49063	42.64	ng	#	90
3) Pyridine	3.670	79	126746	43.50	ng		95
4) n-Nitrosodimethylamine	3.581	42	61677	50.87	ng	#	61
6) Aniline	7.093	93	170108	41.25	ng	#	87
8) 2-Chlorophenol	7.328	128	146805	52.26	ng		87
9) Benzaldehyde	6.905	77	56646	36.48	ng		87
10) Phenol	6.969	94	180107	50.32	ng		80
11) bis(2-Chloroethyl)ether	7.193	93	129531	47.32	ng		94
12) 1,3-Dichlorobenzene	7.652	146	162799	47.62	ng	#	93
13) 1,4-Dichlorobenzene	7.799	146	166541	47.96	ng	#	94
14) 1,2-Dichlorobenzene	8.111	146	159134	47.78	ng		96
15) Benzyl Alcohol	8.005	79	136648	49.22	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.287	45	104780	47.33	ng		98
17) 2-Methylphenol	8.211	107	124463	51.46	ng	#	91
18) Hexachloroethane	8.834	117	61475	47.24	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	101260	45.32	ng	#	90
20) 3+4-Methylphenols	8.540	107	166427	51.85	ng		92
22) Acetophenone	8.587	105	216027	45.73	ng	#	90
24) Nitrobenzene	8.963	77	161847	43.89	ng	#	82
25) Isophorone	9.487	82	277708	46.59	ng	#	92
26) 2-Nitrophenol	9.669	139	78671	53.86	ng	#	73
27) 2,4-Dimethylphenol	9.740	122	128138	56.40	ng		85
28) bis(2-Chloroethoxy)met...	9.969	93	163148	42.48	ng		96
29) 2,4-Dichlorophenol	10.210	162	138469	50.45	ng		94
30) 1,2,4-Trichlorobenzene	10.416	180	150125	44.28	ng		97
31) Naphthalene	10.605	128	433165	45.66	ng		98
32) Benzoic acid	9.887	122	89551	46.76	ng	#	75
33) 4-Chloroaniline	10.722	127	80130	20.59	ng	#	92
34) Hexachlorobutadiene	10.887	225	97642	42.87	ng		98
35) Caprolactam	11.510	113	42738m	49.28	ng		
36) 4-Chloro-3-methylphenol	11.857	107	152443	46.77	ng		90
37) 2-Methylnaphthalene	12.222	142	309635	45.88	ng	#	95
38) 1-Methylnaphthalene	12.440	142	293552m	45.96	ng		
40) 1,2,4,5-Tetrachloroben...	12.593	216	169508	47.71	ng	#	98
41) Hexachlorocyclopentadiene	12.569	237	250562	123.99	ng		99
43) 2,4,6-Trichlorophenol	12.840	196	113196	50.57	ng		98

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44) 2,4,5-Trichlorophenol	12.910	196	121595	51.69	ng	#	94
46) 1,1'-Biphenyl	13.240	154	391242	47.26	ng		98
47) 2-Chloronaphthalene	13.281	162	306752	45.21	ng		96
48) 2-Nitroaniline	13.493	65	92350	46.11	ng	#	61
49) Acenaphthylene	14.134	152	478425	47.73	ng		100
50) Dimethylphthalate	13.875	163	381017	43.80	ng		98
51) 2,6-Dinitrotoluene	13.993	165	85092	48.54	ng	#	64
52) Acenaphthene	14.475	154	287509	45.24	ng		98
53) 3-Nitroaniline	14.322	138	54077	29.66	ng	#	69
54) 2,4-Dinitrophenol	14.528	184	109941	108.88	ng	#	81
55) Dibenzofuran	14.810	168	461526	46.18	ng		98
56) 4-Nitrophenol	14.645	139	146874	102.69	ng	#	54
57) 2,4-Dinitrotoluene	14.781	165	119106	49.59	ng	#	70
58) Fluorene	15.463	166	383107	46.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	110268	49.27	ng		98
60) Diethylphthalate	15.240	149	383110	43.94	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	200269	43.93	ng		94
62) 4-Nitroaniline	15.493	138	86411	43.39	ng	#	68
63) Azobenzene	15.751	77	352206	43.01	ng		86
65) 4,6-Dinitro-2-methylph...	15.545	198	73770	57.83	ng		90
66) n-Nitrosodiphenylamine	15.675	169	331640	48.84	ng		97
67) 4-Bromophenyl-phenylether	16.357	248	123043	45.77	ng		96
68) Hexachlorobenzene	16.469	284	131964	45.05	ng	#	91
69) Atrazine	16.634	200	103106	46.29	ng		97
70) Pentachlorophenol	16.816	266	177313	108.17	ng		99
71) Phenanthrene	17.210	178	576436	45.09	ng		100
72) Anthracene	17.298	178	597858	48.63	ng		99
73) Carbazole	17.575	167	527324	46.75	ng		99
74) Di-n-butylphthalate	18.128	149	647136	46.76	ng	#	98
75) Fluoranthene	19.181	202	691974	45.43	ng		99
77) Benzidine	19.363	184	351914	86.41	ng		99
78) Pyrene	19.533	202	697172	47.96	ng		99
80) Butylbenzylphthalate	20.404	149	285434	49.96	ng	#	86
81) Benzo(a)anthracene	21.233	228	664732	45.47	ng		98
82) 3,3'-Dichlorobenzidine	21.169	252	191088	41.24	ng		99
83) Chrysene	21.286	228	646295	45.65	ng		98
84) Bis(2-ethylhexyl)phtha...	21.157	149	410528	47.61	ng		99
85) Di-n-octyl phthalate	22.051	149	692018	49.48	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.921	276	781403	49.17	ng		95
88) Benzo(b)fluoranthene	22.857	252	672221m	46.12	ng		
89) Benzo(k)fluoranthene	22.898	252	657271	46.97	ng	#	98
90) Benzo(a)pyrene	23.451	252	606380	46.03	ng	#	97
91) Dibenzo(a,h)anthracene	25.933	278	659148	49.72	ng		97
92) Benzo(g,h,i)perylene	26.645	276	646987	50.87	ng		96

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

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