Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022021\
Data File : BP004838.D
Acq On : 20 Feb 2021 12:08
Operator : CG/JU
Sample : PB134739BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 04:29:45 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 :
PB134739BS

Manual Integrations APPROVED

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2/22/2021 2:11:31 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	41831	20.00	ng		0.00
21) Naphthalene-d8	10.552	136	163624	20.00	ng		# 0.00
39) Acenaphthene-d10	14.410	164	106302	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	230674	20.00	ng		0.00
76) Chrysene-d12	21.251	240	239996	20.00	ng		# 0.00
86) Perylene-d12	23.545	264	242202	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	357947	132.12	ng		0.00
7) Phenol-d6	6.946	99	467331	125.43	ng		0.00
23) Nitrobenzene-d5	8.922	82	238610	63.54	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	179807	127.31	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	560931	64.49	ng		0.00
79) Terphenyl-d14	19.727	244	842218	58.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	48316	41.67	ng	#	87
3) Pyridine	3.670	79	126576	43.12	ng	#	94
4) n-Nitrosodimethylamine	3.581	42	61264	50.15	ng	#	59
6) Aniline	7.093	93	168105	40.45	ng	#	86
8) 2-Chlorophenol	7.328	128	153281	54.15	ng		87
9) Benzaldehyde	6.905	77	57200	36.56	ng	#	83
10) Phenol	6.969	94	188141	52.17	ng		78
11) bis(2-Chloroethyl)ether	7.193	93	129444	46.93	ng		94
12) 1,3-Dichlorobenzene	7.646	146	162101	47.06	ng	#	92
13) 1,4-Dichlorobenzene	7.793	146	166482	47.58	ng		95
14) 1,2-Dichlorobenzene	8.110	146	156473	46.63	ng		95
15) Benzyl Alcohol	8.005	79	142021	50.77	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.293	45	106860	47.90	ng		97
17) 2-Methylphenol	8.210	107	131165	53.82	ng	#	89
18) Hexachloroethane	8.840	117	63115	48.14	ng		92
19) n-Nitroso-di-n-propyla...	8.569	70	105562	46.89	ng		91
20) 3+4-Methylphenols	8.540	107	176493	54.57	ng		91
22) Acetophenone	8.587	105	221617	46.60	ng	#	93
24) Nitrobenzene	8.963	77	167293	45.06	ng	#	81
25) Isophorone	9.487	82	290955	48.48	ng	#	91
26) 2-Nitrophenol	9.669	139	83131	56.53	ng	#	71
27) 2,4-Dimethylphenol	9.740	122	135693	59.33	ng		88
28) bis(2-Chloroethoxy)met...	9.969	93	171698	44.40	ng		98
29) 2,4-Dichlorophenol	10.210	162	148150	53.62	ng		94
30) 1,2,4-Trichlorobenzene	10.416	180	154453	45.25	ng		97
31) Naphthalene	10.604	128	444115	46.50	ng		99
32) Benzoic acid	9.893	122	96420	49.53	ng	#	75
33) 4-Chloroaniline	10.722	127	96336	24.58	ng	#	89
34) Hexachlorobutadiene	10.887	225	99524	43.41	ng		99
35) Caprolactam	11.522	113	45956m	52.63	ng		
36) 4-Chloro-3-methylphenol	11.857	107	169164	51.56	ng		88
37) 2-Methylnaphthalene	12.222	142	326019	47.99	ng	#	96
38) 1-Methylnaphthalene	12.440	142	308061m	47.91	ng		
40) 1,2,4,5-Tetrachloroben...	12.593	216	180937	47.37	ng	#	96
41) Hexachlorocyclopentadiene	12.569	237	263861	121.47	ng		98
43) 2,4,6-Trichlorophenol	12.840	196	122658	50.98	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	130233	51.50	ng	#	95
46) 1,1'-Biphenyl	13.240	154	416942	46.85	ng		97
47) 2-Chloronaphthalene	13.281	162	327050	44.84	ng		97
48) 2-Nitroaniline	13.493	65	98285	45.65	ng	#	68
49) Acenaphthylene	14.134	152	516101	47.90	ng		99
50) Dimethylphthalate	13.875	163	421014	45.03	ng		100
51) 2,6-Dinitrotoluene	13.993	165	93247	49.49	ng	#	68
52) Acenaphthene	14.475	154	312971	45.81	ng		99
53) 3-Nitroaniline	14.322	138	61818	31.54	ng	#	77
54) 2,4-Dinitrophenol	14.528	184	121432	111.88	ng	#	79
55) Dibenzofuran	14.810	168	503584	46.87	ng		97
56) 4-Nitrophenol	14.645	139	160784	104.58	ng	#	51
57) 2,4-Dinitrotoluene	14.781	165	131597	50.97	ng	#	72
58) Fluorene	15.463	166	414370	46.95	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	121959	50.69	ng		98
60) Diethylphthalate	15.240	149	422146	45.04	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	217868	44.46	ng		97
62) 4-Nitroaniline	15.492	138	94655	44.22	ng	#	66
63) Azobenzene	15.751	77	386447	43.90	ng		86
65) 4,6-Dinitro-2-methylph...	15.545	198	82397	58.46	ng		89
66) n-Nitrosodiphenylamine	15.675	169	359510	47.93	ng		98
67) 4-Bromophenyl-phenylether	16.357	248	133906	45.09	ng		96
68) Hexachlorobenzene	16.469	284	146863	45.39	ng		95
69) Atrazine	16.634	200	115091	46.77	ng		99
70) Pentachlorophenol	16.816	266	198032	109.36	ng		99
71) Phenanthrene	17.210	178	636935	45.10	ng		99
72) Anthracene	17.298	178	659132	48.53	ng		99
73) Carbazole	17.575	167	589432	47.31	ng		100
74) Di-n-butylphthalate	18.128	149	717747	46.94	ng	#	99
75) Fluoranthene	19.180	202	776984	46.17	ng		99
77) Benzidine	19.357	184	423156	89.17	ng		99
78) Pyrene	19.528	202	782943	46.26	ng		98
80) Butylbenzylphthalate	20.404	149	325372	48.92	ng	#	86
81) Benzo(a)anthracene	21.233	228	776687	45.63	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	210161	38.96	ng		98
83) Chrysene	21.286	228	745848	45.25	ng		99
84) Bis(2-ethylhexyl)phtha...	21.157	149	477717	47.58	ng		99
85) Di-n-octyl phthalate	22.051	149	823184	50.56	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.915	276	929452	48.06	ng		96
88) Benzo(b)fluoranthene	22.851	252	808822	45.59	ng		98
89) Benzo(k)fluoranthene	22.898	252	776712	45.61	ng		98
90) Benzo(a)pyrene	23.451	252	727700	45.39	ng	#	98
91) Dibenzo(a,h)anthracene	25.933	278	787570	48.82	ng		97
92) Benzo(g,h,i)perylene	26.639	276	757064	48.91	ng		97

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

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