Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004817.D
Acq On : 19 Feb 2021 12:08
Operator : CG/JU
Sample : PB134684BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 12:50:01 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 :
PB134684BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.764	152	43704	20.00	ng		# 0.00
21) Naphthalene-d8	10.557	136	171439	20.00	ng		# 0.00
39) Acenaphthene-d10	14.410	164	108213	20.00	ng		0.00
64) Phenanthrene-d10	17.169	188	235372	20.00	ng		0.00
76) Chrysene-d12	21.251	240	247742	20.00	ng		0.00
86) Perylene-d12	23.557	264	225473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	363238	128.33	ng		0.00
7) Phenol-d6	6.946	99	470754	120.94	ng		0.00
23) Nitrobenzene-d5	8.922	82	255065	64.82	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	181905	126.52	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	594122	67.10	ng		0.00
79) Terphenyl-d14	19.728	244	904900	61.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.276	88	44629	36.84	ng	#	89
3) Pyridine	3.670	79	120133	39.17	ng	#	93
4) n-Nitrosodimethylamine	3.587	42	58017	45.46	ng	#	63
6) Aniline	7.093	93	150987	34.78	ng	#	85
8) 2-Chlorophenol	7.334	128	143965	48.68	ng		89
9) Benzaldehyde	6.905	77	55580	34.00	ng	#	79
10) Phenol	6.975	94	174146	46.22	ng		77
11) bis(2-Chloroethyl)ether	7.193	93	126285	43.83	ng		94
12) 1,3-Dichlorobenzene	7.652	146	157465	43.76	ng	#	91
13) 1,4-Dichlorobenzene	7.799	146	161843	44.27	ng		94
14) 1,2-Dichlorobenzene	8.111	146	155039	44.22	ng		96
15) Benzyl Alcohol	8.011	79	134174	45.91	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.293	45	102714	44.07	ng		98
17) 2-Methylphenol	8.216	107	122841	48.24	ng	#	92
18) Hexachloroethane	8.840	117	60735	44.34	ng		94
19) n-Nitroso-di-n-propyla...	8.569	70	103393	43.95	ng	#	88
20) 3+4-Methylphenols	8.540	107	162039	47.95	ng		93
22) Acetophenone	8.587	105	213214	42.79	ng	#	91
24) Nitrobenzene	8.963	77	157493	40.49	ng	#	82
25) Isophorone	9.487	82	279251	44.41	ng	#	90
26) 2-Nitrophenol	9.669	139	77112	50.05	ng	#	70
27) 2,4-Dimethylphenol	9.740	122	127449	53.18	ng		89
28) bis(2-Chloroethoxy)met...	9.975	93	164128	40.51	ng		97
29) 2,4-Dichlorophenol	10.210	162	134860	46.59	ng		93
30) 1,2,4-Trichlorobenzene	10.422	180	147988	41.38	ng		97
31) Naphthalene	10.605	128	430844	43.06	ng		99
32) Benzoic acid	9.887	122	80832	41.00	ng	#	75
33) 4-Chloroaniline	10.722	127	86661	21.11	ng	#	89
34) Hexachlorobutadiene	10.887	225	97638	40.64	ng		98
35) Caprolactam	11.516	113	43242	47.27	ng	#	79
36) 4-Chloro-3-methylphenol	11.863	107	153080	44.53	ng		85
37) 2-Methylnaphthalene	12.222	142	312270	43.87	ng	#	94
38) 1-Methylnaphthalene	12.446	142	294724m	43.75	ng		
40) 1,2,4,5-Tetrachloroben...	12.593	216	172353	44.33	ng	#	96
41) Hexachlorocyclopentadiene	12.569	237	235205	106.37	ng		96
43) 2,4,6-Trichlorophenol	12.840	196	115127	47.00	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	122965	47.77	ng	#	95
46) 1,1'-Biphenyl	13.240	154	391835	43.25	ng		98
47) 2-Chloronaphthalene	13.281	162	311004	41.88	ng		96
48) 2-Nitroaniline	13.493	65	94563	43.14	ng	#	63
49) Acenaphthylene	14.134	152	489832	44.66	ng		100
50) Dimethylphthalate	13.875	163	395020	41.50	ng		99
51) 2,6-Dinitrotoluene	13.993	165	89509	46.66	ng	#	68
52) Acenaphthene	14.475	154	292035	41.99	ng		98
53) 3-Nitroaniline	14.322	138	59190	29.67	ng	#	71
54) 2,4-Dinitrophenol	14.528	184	114065	103.24	ng	#	77
55) Dibenzofuran	14.810	168	471850	43.15	ng		96
56) 4-Nitrophenol	14.651	139	150302	96.03	ng	#	56
57) 2,4-Dinitrotoluene	14.781	165	123959	47.17	ng	#	70
58) Fluorene	15.463	166	392720	43.71	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.040	232	115080	46.99	ng		99
60) Diethylphthalate	15.240	149	401678	42.10	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	208971	41.89	ng		98
62) 4-Nitroaniline	15.493	138	88236	40.49	ng	#	61
63) Azobenzene	15.751	77	373768	41.71	ng		85
65) 4,6-Dinitro-2-methylph...	15.545	198	77696	54.03	ng		85
66) n-Nitrosodiphenylamine	15.681	169	342195	44.71	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	128678	42.46	ng		95
68) Hexachlorobenzene	16.469	284	140090	42.43	ng		95
69) Atrazine	16.634	200	111056	44.23	ng		99
70) Pentachlorophenol	16.816	266	186138	100.74	ng		99
71) Phenanthrene	17.210	178	609492	42.29	ng		98
72) Anthracene	17.298	178	623499	44.99	ng		100
73) Carbazole	17.575	167	555981	43.73	ng		99
74) Di-n-butylphthalate	18.128	149	685963	43.97	ng	#	98
75) Fluoranthene	19.181	202	740385	43.12	ng		98
77) Benzidine	19.363	184	259165	53.77	ng		98
78) Pyrene	19.534	202	747526	42.79	ng		98
80) Butylbenzylphthalate	20.404	149	306336	44.62	ng	#	81
81) Benzo(a)anthracene	21.239	228	739925	42.11	ng		98
82) 3,3'-Dichlorobenzidine	21.175	252	232973	41.83	ng		99
83) Chrysene	21.292	228	716272	42.09	ng		98
84) Bis(2-ethylhexyl)phtha...	21.163	149	455506	43.95	ng		98
85) Di-n-octyl phthalate	22.051	149	772823	45.98	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.933	276	854965	47.49	ng		96
88) Benzo(b)fluoranthene	22.857	252	758446	45.93	ng		99
89) Benzo(k)fluoranthene	22.904	252	738495	46.59	ng		98
90) Benzo(a)pyrene	23.457	252	680320	45.59	ng		98
91) Dibenzo(a,h)anthracene	25.945	278	727131	48.42	ng		97
92) Benzo(g,h,i)perylene	26.657	276	698613	48.48	ng		95

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

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