Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032396.D
Acq On : 08 Oct 2021 16:51
Operator : CG/JU
Sample : PB139742BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 08 19:16:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 17:11:04 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB139742BS

Manual Integrations APPROVED
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10/11/2021 2:13:19 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.613	152	455933	20.00	ng		0.00
21) Naphthalene-d8	10.407	136	1788414	20.00	ng		# 0.00
39) Acenaphthene-d10	14.266	164	990544	20.00	ng		0.00
64) Phenanthrene-d10	16.989	188	1709219	20.00	ng		# 0.00
76) Chrysene-d12	21.153	240	1161909	20.00	ng		# 0.00
86) Perylene-d12	23.300	264	1133211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.190	112	2073456	76.62	ng		0.00
7) Phenol-d6	6.813	99	2607842	70.47	ng		0.00
23) Nitrobenzene-d5	8.772	82	2312045	71.90	ng		0.00
42) 2,4,6-Tribromophenol	15.748	330	660311	59.55	ng		0.00
45) 2-Fluorobiphenyl	12.883	172	4536888	68.10	ng		0.00
79) Terphenyl-d14	19.606	244	4269181	77.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	331638	28.80	ng		90
3) Pyridine	3.402	79	812799	26.08	ng		93
4) n-Nitrosodimethylamine	3.319	42	464971	37.21	ng	#	61
6) Aniline	6.943	93	1574440	38.51	ng		90
8) 2-Chlorophenol	7.190	128	1129164	38.29	ng		92
9) Benzaldehyde	6.743	77	658939	30.51	ng		86
10) Phenol	6.837	94	1395950	39.18	ng		82
11) bis(2-Chloroethyl)ether	7.037	93	1062736	37.50	ng		94
12) 1,3-Dichlorobenzene	7.507	146	1199054	36.07	ng	#	90
13) 1,4-Dichlorobenzene	7.648	146	1219102	36.03	ng		98
14) 1,2-Dichlorobenzene	7.972	146	1177829	36.27	ng		96
15) Benzyl Alcohol	7.860	79	945060	37.29	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.148	45	1343594	37.43	ng		97
17) 2-Methylphenol	8.078	107	924109	38.38	ng	#	89
18) Hexachloroethane	8.701	117	442734	38.44	ng		93
19) n-Nitroso-di-n-propyla...	8.425	70	740859	36.82	ng	#	84
20) 3+4-Methylphenols	8.407	107	1206617	37.15	ng		94
22) Acetophenone	8.437	105	1549764	35.96	ng	#	86
24) Nitrobenzene	8.813	77	1162117	37.47	ng	#	88
25) Isophorone	9.331	82	1959962	36.68	ng		96
26) 2-Nitrophenol	9.525	139	564557	39.12	ng	#	73
27) 2,4-Dimethylphenol	9.601	122	999136	41.04	ng		93
28) bis(2-Chloroethoxy)met...	9.813	93	1331628	34.66	ng		99
29) 2,4-Dichlorophenol	10.066	162	996891	36.77	ng		96
30) 1,2,4-Trichlorobenzene	10.278	180	1051457	34.19	ng		97
31) Naphthalene	10.454	128	3247920	35.39	ng		99
32) Benzoic acid	9.748	122	364432	22.65	ng	#	81
33) 4-Chloroaniline	10.560	127	1203610	31.77	ng	#	94
34) Hexachlorobutadiene	10.760	225	612027	33.30	ng		98
35) Caprolactam	11.331	113	272707	32.82	ng	#	82
36) 4-Chloro-3-methylphenol	11.707	107	1010340	34.61	ng		95
37) 2-Methylnaphthalene	12.072	142	2240949	35.93	ng	#	94
38) 1-Methylnaphthalene	12.295	142	2066876	33.91	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.454	216	1003779	35.18	ng		97
41) Hexachlorocyclopentadiene	12.448	237	1346127	98.97	ng		97
43) 2,4,6-Trichlorophenol	12.695	196	717709	36.35	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	765235	36.06	ng	#	93
46) 1,1'-Biphenyl	13.089	154	2620639	35.85	ng		99
47) 2-Chloronaphthalene	13.130	162	2067778	36.89	ng		99
48) 2-Nitroaniline	13.336	65	593521	38.95	ng	#	78
49) Acenaphthylene	13.983	152	3234656	37.17	ng		99
50) Dimethylphthalate	13.719	163	2319852	33.16	ng		99
51) 2,6-Dinitrotoluene	13.830	165	517025	36.49	ng	#	65
52) Acenaphthene	14.330	154	2189303m	38.13	ng		
53) 3-Nitroaniline	14.166	138	498304	31.30	ng		86
54) 2,4-Dinitrophenol	14.366	184	462863	58.87	ng	#	63
55) Dibenzofuran	14.660	168	2951372	33.77	ng		93
56) 4-Nitrophenol	14.495	139	847795	64.57	ng	#	66
57) 2,4-Dinitrotoluene	14.619	165	663256	35.51	ng	#	63
58) Fluorene	15.307	166	2188983	32.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	598285	32.72	ng	#	83
60) Diethylphthalate	15.083	149	2191396	31.91	ng		95
61) 4-Chlorophenyl-phenyle...	15.301	204	1080676	31.39	ng		91
62) 4-Nitroaniline	15.324	138	507471	31.94	ng	#	71
63) Azobenzene	15.589	77	2239780	34.26	ng		86
65) 4,6-Dinitro-2-methylph...	15.383	198	305702	31.78	ng	#	81
66) n-Nitrosodiphenylamine	15.513	169	1949031	38.62	ng		97
67) 4-Bromophenyl-phenylether	16.189	248	654479	36.79	ng	#	90
68) Hexachlorobenzene	16.324	284	721172	36.83	ng	#	83
69) Atrazine	16.460	200	610597	35.53	ng		96
70) Pentachlorophenol	16.660	266	788834	65.27	ng		97
71) Phenanthrene	17.030	178	3242900	36.15	ng		100
72) Anthracene	17.118	178	3309968	37.76	ng		99
73) Carbazole	17.389	167	2862917	32.89	ng		98
74) Di-n-butylphthalate	17.948	149	3245332	34.70	ng	#	98
75) Fluoranthene	19.042	202	3217773	32.35	ng		97
77) Benzidine	19.218	184	2064003	71.51	ng		98
78) Pyrene	19.401	202	3253732	41.30	ng		99
80) Butylbenzylphthalate	20.295	149	1184560	39.58	ng		88
81) Benzo(a)anthracene	21.142	228	2556868	35.21	ng		99
82) 3,3'-Dichlorobenzidine	21.071	252	802145	35.06	ng		100
83) Chrysene	21.189	228	2547857	36.26	ng		99
84) Bis(2-ethylhexyl)phtha...	21.065	149	1525477	37.81	ng	#	94
85) Di-n-octyl phthalate	21.906	149	2440045	36.06	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.424	276	2923559	41.87	ng		95
88) Benzo(b)fluoranthene	22.659	252	2520587	36.57	ng		99
89) Benzo(k)fluoranthene	22.706	252	2400261	35.64	ng		99
90) Benzo(a)pyrene	23.206	252	2430876	43.48	ng		98
91) Dibenzo(a,h)anthracene	25.430	278	2484296	42.20	ng	#	96
92) Benzo(g,h,i)perylene	26.077	276	2593628	44.56	ng	#	95

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

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